

63.01
Canada
1897

SIMMERS'

General Annual **1897**

SEED

Catalogue



OUR FLORAL

COLLECTION

- 1—Imperial Double Morning Glory, mixed colors.....per packet, 10c.
2—New Marguerite Centaurea " " 10c.
3—Polyantha, or Fairy Rose " " 10c.
4—Snapdragon, choice mixed..... " " 5c.
5—Double 10-week Stocks, choicest mixed..... " " 10c.

The above collection will be sent postpaid for 35c., or 3 for \$1.00.

PLEASE INTRODUCE OUR CATALOGUE AMONG YOUR FRIENDS. Having gone to great expense in issuing this Illustrated and Descriptive Catalogue, and considering that we MAIL IT FREE OF CHARGE, we trust our Friends and Customers will see that it is placed where it may be serviceable and remunerative to us, kindly recommending our firm, for which we shall feel extremely thankful. Those who receive our Catalogue from year to year, and who have no use for it, would confer a great favor by advising us of same, and by giving us, if possible, the name of someone to whom it would be of benefit.

J. A. SIMMERS, TORONTO, CANADA.

- - - INDEX - - -

Vegetable and Field Seeds		Flower Seeds			
Collections.....	2	Collections.....	38	Cowslip.....	47
Artichokes.....	3	Abobra.....	39	Cucumis.....	47
Asparagus.....	3	Abonia.....	39	Cucumber, Wild.....	61
Barley.....	33	Abutilon.....	39	Cuphea.....	47
Beans.....	3-4-33	Acanthus.....	39	Cyclamen.....	47
Beets, Table.....	5	Achillea.....	39	Cyclanthera.....	47
Beets, Sugar.....	28	Achimenes.....	39	Cyperus.....	47
Borecole.....	5	Aconitum.....	39	Cypress Vine.....	47
Brocoli.....	4	Agrostemum.....	39	Dahlia.....	47
Brussels Sprouts.....	5	Allegany Vine.....	39	Daisy.....	47
Buckwheat.....	33	Alonsoa.....	39	Datura.....	47
Cardoon.....	8	Aloysia.....	41	Delphinium.....	48
Cabbage.....	6-7	Alyssum.....	41	Dianthus.....	47
Carrots.....	8-28	Amaranthus.....	41	Dictamnus.....	47
Cauliflower.....	9	Amorpha.....	49	Didiscus.....	47
Celery.....	10	Ampelopsis.....	41	Dielytra.....	47
Chervil.....	9	Anagallis.....	41	Digitalis.....	47
Chicory.....	9-29	Anchusa.....	41	Dolichos.....	48
Chives.....	14	Angelonia.....	41	Dracopcephalum.....	41
Citron.....	14	Antirrhinum.....	42	Dusty Miller.....	41
Clover.....	36-37	Aquilegia.....	42	Dutchman's Pipe.....	41
Collards.....	11	Arabian Primrose.....	42	Eccremocarpus.....	49
Corn, Sugar and Pop.....	11	Arabis.....	42	Echeveria.....	49
Corn, Husilage.....	32-33	Argemone.....	42	Echrysom.....	49
Corn, Broom.....	36	Aristolochia.....	42	Erysimum.....	50
Corn Salad.....	8	Armeria.....	42	Erythrina.....	50
Cress.....	8	Artemesia.....	42	Eschscholtzia.....	42
Cucumber.....	12	Asperula.....	42	Euphorbia.....	50
Egg Plant.....	11	Asters.....	40-41	Evening Primrose.....	59
Endive.....	31-33	Auricula.....	42	Everlastings.....	59
Flax.....	31-33	Australian Glory Pea.....	42	Everlasting Pea.....	59
Garden Lemon.....	14	Balloon Vine.....	42	Feather Grass.....	49
Garlic.....	12	Balsam.....	43	Ferns.....	50
Gourds.....	15	Balsam Apple.....	53	Feverfew.....	52
Grass Seeds.....	35-37	Balsams.....	26	Flos Adonis.....	39
Herbs.....	26	Bartonia.....	42	Forget-me-not.....	50
Horse Radish.....	12	Beet.....	5	Foxglove.....	47
Kale.....	5	Begonia.....	42	Four o'Clock.....	42
Kohl Rabi.....	13	Bellis Perennis.....	47	Fragaria.....	50
Lathyrus Sylvestris.....	31			Freesia.....	50

MAIL ORDERS. So simple; so sure. Select from this Catalogue what's wanted. Order by mail and you can depend on the minutest wants being supplied.

Leek.....	13	Bleeding Heart.....	47	Gilly Flower.....	60	Bessera Elegans.....	66	Lawn Mowers.....	80
Lettuce.....	13	Bocconia.....	42	Gladiolus.....	50	Bignonia Radicans.....	75	Lawn Rakes.....	80
Mangels.....	29	Brachycome.....	42	Glaucium.....	50	Boston Ivy.....	75	Labels.....	79
Martynia.....	18	Browallia.....	42	Globe Amaranthus.....	49	Cacti.....	70	Linseed Meal.....	31
Melons, Musk.....	14	Butterfly Flower.....	58	Gloxinia.....	50	Calladium.....	80	Mastic.....	80
Melons, Water.....	15	Calacia.....	42	Godetia.....	50	Calla.....	66	Milking Tubes.....	86
Millet.....	35	Cactus.....	42	Golden Feather.....	57	Canna.....	62	Oil Cake.....	31
Mushrooms.....	15	Calandrina.....	42	Gourds.....	51	Carnations.....	70	Oyster Shells.....	85
Mustard.....	18	Calceolaria.....	43	Grasses, Ornamental.....	49	Chinese Wistaria.....	75	Peat.....	79
Nasturtium.....	18	Calendula.....	43	Grevillea.....	50	Chrysanthemum.....	69	Plant Food.....	61
Nats.....	34	California G'd'n Bells.....	50	Gypsophila.....	51	Cinnamon Vine.....	66	Pots.....	80
Nions.....	16-17	Calliopsis.....	43	Hedysarum.....	51	Clematis.....	75	Plant Stakes.....	79
Onion Sets.....	17	Callirhoe.....	43	Helianthus.....	51	Chlidanthus.....	66	Plant Bed Cloth.....	80
Okra.....	18	Campanula.....	43	Heliotrope.....	51	Collections.....	68-69	Plant Dibbler.....	81
Parsley.....	18	Canary Creeper.....	44	Hesperus.....	49	Cobaea Scandens.....	75	Plows.....	81-82-84
Parsnips.....	18	Candytuft.....	44	Hibiscus.....	51	Cooperia Drummondii.....	66	Potato Cutters.....	23
Pepper.....	18	Canna.....	44	Hollyhock.....	51	Coleus.....	70	Potato Digger.....	81
Peas, Garden.....	20-21	Canterbury Bells.....	44	Honesty.....	52	Crinum.....	67	Poultry Supplies.....	85-86
Peas, Field.....	33	Carnation.....	45	Hops.....	51	Cyclobothra Flava.....	66	Pump Bulb.....	79
Potatoes.....	22-23	Castor Oil Bean.....	44	Humea.....	51	Cyclamen.....	66	Roffia.....	79
Pumpkins.....	19	Catchfly.....	44	Hyacinth Bean.....	48	Cyclops Herberti.....	67	Rollers, Lawn.....	80
Radishes.....	19	Centaurea.....	46	Hyacinthus.....	51	Dahlias.....	63	Root Pulper.....	81
Rape or Cole.....	31	Centranthus.....	45	Ice Plant.....	51	Dielytra.....	67	Seed Drills.....	82-83-84
Rhubarb.....	24	Cerastium.....	45	Impatiens Sultana.....	51	Fuchsias.....	70	Seed Sowers.....	33-81
Rye.....	31	Centrosema.....	44	Impomopsis.....	51-53	Geraniums.....	71	Shears.....	79
Sacaline.....	31	Chrysanthemum.....	45	Job's Tear.....	49	Gladiolus.....	64	Spratts Patent Goods.....	86
Salsify.....	26	Chinese Primrose.....	47	Joseph's Coat.....	47	Gloxinia.....	67	Spray Pumps.....	78
Scorzoneria.....	26	Cigar Plant.....	47	Kalanchoe Carneae.....	45	Heliotrope.....	71	Sprinklers.....	78-80-88
Sea Kale.....	24	Cineraria.....	45	Kaulfussia.....	45	Hollyhocks.....	71	Straw Cutter.....	81
Spinach.....	24	Citrus.....	45	Kochia.....	45	Honeysuckles.....	75	Syringes.....	79
Spurry.....	24	Clarkia.....	45	Lantana.....	45	Hyacinthus Cand.....	67	Thermometers.....	79
Squash.....	26	Clematis.....	45	Larkspur.....	46	Hydrangea.....	71	Trowels.....	79
Stachys Affinis.....	26	Cleome.....	45	Lavatera.....	46	Iris.....	67	Turnip Drill.....	81
Sugar Cane.....	31	Clianthus.....	46	Lavender.....	46	Ivy, English.....	75	Vases.....	80
Sunflower.....	36	Clintonia.....	46	Layia.....	52	Lilies.....	65	Water Cans.....	79
Tares.....	33	Clover, Sweet.....	25	Lemon Verbena.....	46	Lily of the Valley.....	67	Weeders.....	79-81
Tomatoes.....	25	Cockscomb.....	26	Lily of the Valley.....	46	Madeira Vine.....	58	Wheel Barrows.....	79-81
Tobacco.....	26	Coleus.....	27	Lilies.....	46	Manettia Vine.....	71	Wheel Hoes.....	82-83-84
Turnips, Table.....	26	Collinsia.....	27	Limnanthes.....	46	Milla Biflora.....	67	Wire.....	79
Turnips, Field.....	30	Collomia.....	33	Linum.....	46	Montbretia.....	67		
Tree Seeds.....	27	Columbine.....	36	Lobelia.....	42	Oxalis.....	67		
Vegetable Plants.....	27	Commelina.....	26	Lophospermum.....	46	Palms.....	71		
Wheat.....	33	Convolvulus.....	46-53	Love-in-a-mist.....	46	Paeonies.....	75		
Wild Rice.....	36	Corn Flower.....	46	Love-lies-bleeding.....	46	Passion Flower.....	72		
Winter Cherry.....	26	Correopsis.....	43	Lupinus.....	47	Perennials, Hardy.....	75		
		Cosmos.....	47	Lychnis.....	47	Red-hot Poker.....	67		
						Resurrection Plant.....	67		
						Roses.....	73-74		
						Sage, Mammoth.....	26		

NEW CUSTOMERS. As this Catalogue will reach many who have never had our Seeds, we would urge such to send us **A TRIAL ORDER**, no matter how small, and, although you may be satisfied with seeds bought elsewhere, we believe our **SPECIAL STRAINS** of many of the newer varieties will make them as profitable to you as they have been to thousands of others who are now regular customers. **ORDERS BY MAIL A SPECIALTY.**



FORWARD TO		ENCLOSED IS	RESERVED SPACE.
Name of Person.....	write very plainly	Cash, - - \$.....	Please do not Write Here.
“ “ Post Office		Draft, - - \$.....	Date Rec'd.....
“ “ Express Office		Post Office Order, \$.....	Amt. Rec'd.....
“ “ County.....		Total, - - \$.....	No. of Pkgs.
“ “ Province		Date.....1897	Forw'd by.....
			Date Sent.....
Mark X Opposite Your Occupation.	SPECIAL NOTICE.—SEEDS BY MAIL. —We send FREE BY MAIL all Seeds priced by the packet, ounce quarter pound or pound, except Beans, Field Beets, Field Carrots, Broom Corn, Corn, Mangel, Peas, Rape, Field Tur nips and Swedes, Clovers, Grasses and Bird Seeds. To the price of these varieties please add postage at the rate of 4c per pound, or 8c. per quart, to prepay postage, otherwise it will be deducted from the amount sent by reducing the quantities ordered.		
Amateur.....	We Guarantee the Safe Arrival of all Packages of Seeds, etc., when forwarded by Mail from our Warehouses.		
Gardener	If more than one Express or Railway company runs to your place, please designate by which we shall ship.		
Farmer.....			
Florist			
	Cost of Carriage		
	Put up by		
	Ack. by..... Adv. by.....		

[illegible]

Customers having their goods sent by freight to a Flag Station must allow for prepay freight, otherwise they will be sent to nearest station.

Extra Order Sheets and Return Envelopes Sent on Application.

Be Sure to Sign Your Name.

SELECTED NEW SEEDS FOR TRIAL FREE.—It is our intention to distribute gratuitously, among our customers, seeds of Selected New Varieties for Trial prior to their introduction. This year we have several distinct novelties, not yet catalogued by us, for free distribution, among those of our customers whose orders indicate an interest in improved varieties of Vegetables and Flowers. We aim to treat all our customers liberally.

OUR "PREMIUMS"

...For 1897...

1. **"American Gardening."**—A weekly magazine given away with all orders of **\$5.00** or over. (Price \$1.00 per year).
2. **Simmers' Vegetable Garden.**—A concise and complete book of instruction in all that pertains to growing vegetables. Given free with every order of **\$1.00** and over. Price 15 cts.
3. **"Dairying for Profit."** Price 25c. Given free with every order for Carrot, Mangel and Turnip of **\$1.00** and upwards.
4. **"How to Grow Mushrooms."** Price 10c. Free with every order for two bricks of Mushroom Spawn.
5. **Our New Book, "Flower Bulbs and Their Culture,"** contains full information how to be successful in the flowering of bulbs. Price 25c. Or with orders from 50c. to \$1.00, selected from this Catalogue, we will send it for 15c. Given free with all orders for bulbs amounting to \$1.00 and over.
6. **Our Premiums on Seeds** when ordered in packets only: 20c. worth on \$1.00; 45c. worth on \$2.00; 75c. worth on \$3.00; \$1.00 worth on \$4.00. Both premium and order *must be seeds in packets* only.
7. **\$30.00** for our **Cabbage Competition.**
8. **\$30.00** for our **Pumpkin Competition.**
9. **\$30.00** for our **Carrot Competition.**

Note.—The above premiums apply to Cash Orders only, and at Retail Catalogue Prices.

If wanted in cotton bags, add 20c. each.

“ “ linen “ “ 10c. “

We make no charge for boxes or cartage.

TOTAL, - - - \$

REMARKS

N.B.—Before closing, kindly give the names of some Farmers, Market Gardeners or Amateurs in your neighborhood who will be likely to want a supply of Seeds, etc., and for so doing we shall be very thankful.—J.A.S.

Try Our Collections on Front and Back Covers of this Catalogue.

J. A. SIMMERS'

...1897

NOVELTIES AND SPECIALTIES

1897...

.....in Vegetable Seeds



NEW IMPERIAL TOMATO

Our Experience Last Season with this New Imperial Tomato has been such, that we again offer it to our Customers, fully endorsing all we said about it last year.

SO MANY GOOD QUALITIES NEVER BEFORE EMBRACED IN A SINGLE VARIETY. Every market or private gardener will make a tremendous mistake if they do not include New Imperial Tomato in their order this season. From the very first it was recognized as a great improvement, and admitted by many to be the best early they had ever seen. Not only ourselves, but every one who tried it was especially impressed with the superior merits of the New Imperial. In describing it we cannot do better than quote from a letter received from Mr. A. A. Halladay, Bellows Falls, Vt.:-

"In the season of 1889 I found among my Dwarf Champion Tomato plants (the seed for which I saved myself) one plant that was entirely distinct from that variety. I kept it separate from the others and was sur-

prised to find perfectly ripe fruit on this plant several days before the ripe specimens appeared on the Champion or Early Ruby plants that were planted on the same day. The fruit on this new plant seemed entirely different and far superior to any I had previously seen, it being perfectly smooth, ripened evenly to stem, and in color between the Champion and Beauty. It was also the most productive Tomato I had ever seen. Many others saw it that season and all pronounced it the handsomest Tomato they had ever seen. I saved the seed from one tomato only that season, and have since by careful selections of the stock seed improved it each season, until to-day I claim the New Imperial Tomato is the earliest, handsomest, smoothest, most solid and most productive tomato in the world. In my trials of all the leading varieties, so-called best and earliest, this new tomato has always come out ahead from ten to twenty-two days in ripening. (This season in a test with 46 other varieties, including every variety claimed to be extra early, under exactly the same conditions, the New Imperial was giving us perfectly ripe fruit by the bushel twenty-two days before one specimen was ripe on any of the 46 other kinds.) I do not claim that it will always do this. In fact, I do not believe it will; but I do claim and believe that this is the earliest perfectly smooth tomato in cultivation, and that it will produce more and better fruit than any variety known. It not only produces the earliest, but it will hold out all through the season until killed by frost. It also proves to be the longest keeper. I have specimens now (Oct. 1st) in good, sound condition, that were picked perfectly ripe on September 2nd, and sent to our State Fair some fifty miles away, and then returned here and placed on the bench in my greenhouse, where the heat has been up to 130 many days. My field of these tomatoes has been the wonder of all who have seen it, and with good reason, for I believe that there were never so many tomatoes ever grown before on the same amount of ground."

Now we conscientiously believe that in offering the New Imperial to the Canadian public we are giving them the opportunity of securing seed of the most perfect Tomato known to-day, embracing more good qualities than any other sort, and in size, shape and handsome appearance surpassing anything heretofore put on the market. We take pleasure in offering the seed at following prices:-

Packet, 10c. ; 3 packets, 25c. ; per ounce, 50c.

New Winter Cabbage—"THE LUPTON"

This new Winter Cabbage originated from one head, first selected some years ago by MR. J. M. LUPTON, the well-known grower. Knowing it to be a fine Winter Cabbage, we asked MR. LUPTON to write a careful description. Below we print his description *verbatim*:

"THE LUPTON CABBAGE is the result of an effort to combine in one variety the best qualities of the second-early and the late sorts. All late sorts are good because of their strong constitution and vigorous growth, and objectionable because they cannot be bred so true, and will produce sports and wild growth. The second-early sorts, on the other hand, can be bred very true and are of better quality, but they have not the constitution of the late ones, and under unfavorable conditions, due to insect or other causes, will sometimes fail absolutely when a late sort might produce a partial crop. Now, if we could make the LUPTON CABBAGE combine the best points of the second-early and late sorts we should have the best main-crop Cabbage. To a certain extent it does this.

"I do not know of anything with a more healthy constitution, but we have not fully gotten rid of the sports, and I don't know as we ever shall; but, after all, I do not know of a Cabbage which I would as soon plant for a main-crop variety as this one. It is a little earlier than anyone of the various strains of *Flat Dutch* and *Drumhead* and of closer growth. The heads are particularly large in proportion to the plant, which grows strong but does not spread out much. The stalk is rather short, color dark green. In a great measure we appear to have succeeded in getting rid of the coarseness of the late sorts, as the quality is fine; it is also one of the best keepers we have, and comes out in the spring bright and fresh; the heads are not likely to crack open. As for uniformity, it will grow more uniform and head better than the late varieties."

We offer the finest seed of the LUPTON CABBAGE, crop of 1896, grown especially for us, under contract, by Mr. Lupton, the originator.

Per packet 10c, oz 20c, 2 ozs 35c, 1-4 lb 60c, per lb \$2



Asparagus Lettuce.

ASPARAGUS LETTUCE

This excels all other lettuces in quality, having a crispness, tenderness and flavor peculiarly its own, and unapproached by any other variety. The leaves are long and conical, often 18 inches high, which become as stiff, crisp and sweet as celery stalks, and are delicious when eaten in the same manner or prepared for salad. This Lettuce presents a novel appearance when growing, being of the Cos type; the midribs can also be prepared and served up as Asparagus.

Per packet 10c, oz 25c, 1-4 lb 75c, per lb \$2.50.



New Winter Cabbage, "The Lupton."

NEW EGG PLANT, "THE PEARL"

We never supposed that a white egg plant could be developed to fully equal in size and quality the popular *New York Improved Large Purple*. But here it is! It comes from Georgia, and produces magnificent "eggs," as large and fine as we have ever seen of any variety, with an attractive pure white skin. The plants are remarkably productive, and the fruits are of finest quality, either baked or fried.

Per packet 10c, 3 for 25c, per oz 60c.



New Egg Plant, "The Pearl."

NOVELTIES and

SPECIALTIES in

Vegetable Seeds for 1897.



NEW GOLDEN SALSIFY

THE introduction of the Mammoth Sandwich Island Salsify caused a rapid gain in popularity for this excellent vegetable. It was superior to the old common white salsify on account of its larger size, while the quality of the vegetable was not improved. Other vegetables of general use have multiplied varieties, but the salsify has had but a single improvement until the advent of the "Wisconsin Golden." When prepared for the table this variety has a quality which, for *delicious flavor, extreme richness, and tenderness*, has been unapproached by either of the old varieties. Its habit of growth is unlike the other varieties; the leaves are dark green in color, finely crimped and curled, and the roots have a slightly yellowish tinge. Per packet 10c., 3 for 25c.



SWEET CORN

"FIRST OF ALL"

The Earliest of All—Earlier than the Early Cory

The single statement on the preceding line will make thousands of our customers eager to have the **First of All Sweet Corn**. For years we have been watching all new varieties in the hope that we would eventually get a variety of Sweet Corn even earlier than the famous CORY CORN, and at last this has been accomplished. The **First of All** is ready for the table from *three days to a week earlier than the Cory*, making it very desirable not only for family gardens, but extremely valuable to grow for market, where the earliest corn always brings by far the highest prices. The ears are of medium size, well filled with large grains to the very tip. Many of the ears contain ten to twelve rows, while ears of the Cory Corn generally have only eight rows. In habit of growth it is rather dwarfer than the Cory, although similar in appearance, but *superior in quality*, tender and sweet. Per pkt 5c, 1b 15c, quart 25c, -5 lbs 60c, 12 lbs \$1.40.

Radish



White Chinese (Celestial).—In California eight years ago we noticed that the Chinese had a superior long white radish. So carefully guarded was the stock that it was necessary to send to China to obtain the seed. In trials spring-sown seed completely failed to make good roots, while seed sown July 1st made excellent radishes of mammoth size for September use. Wet however, especially recommend is as the best of all winter radishes, from seed sown early in August. Instead of being woody, as are so many winter radishes, the skin and flesh are both *snow-white, crisp brittle* and of *best quality*. Per pkt 5c., oz. 15c., 2 oz. 20c., 1 lb. 30c., 1b. \$1.00.

SIMMERS' MAMMOTH PRIZE

Pumpkin



The flesh and skin are of a bright golden yellow color. Flesh fine grained and of *excellent quality*. Notwithstanding its enormous size, it is one of the best pie pumpkins ever grown, and a splendid keeper. This enormous variety has been grown to weigh 300 pounds.

Per pkt. 20c., 3 pkts. 50c., 7 pkts. \$1.00.

Rogers' Lima Wax

- BEAN -

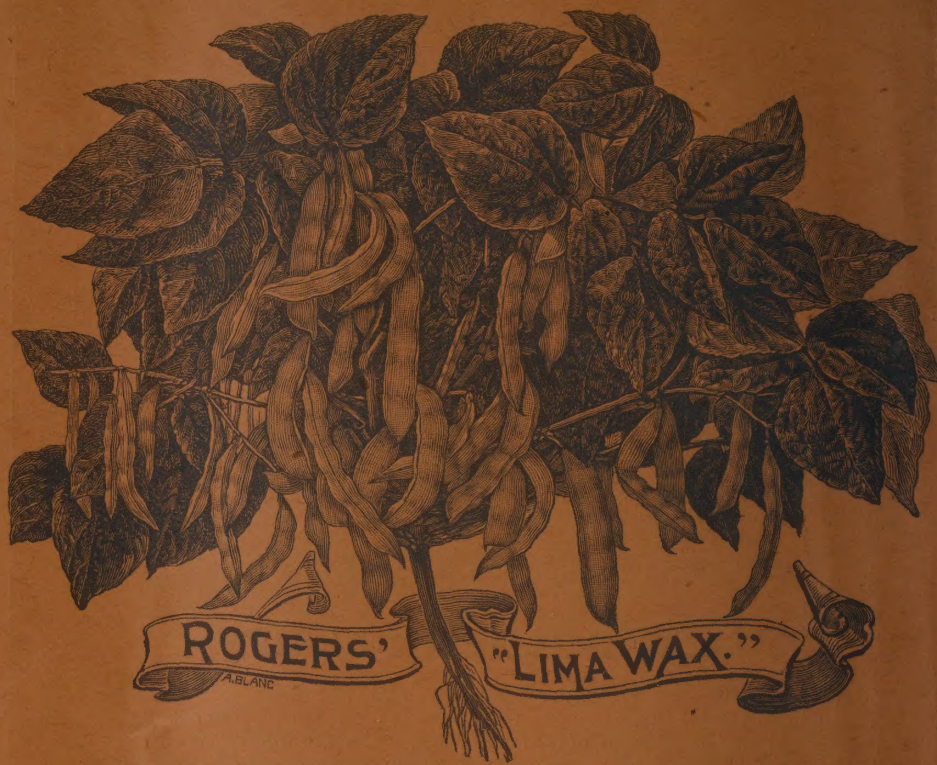
A DECIDED NOVELTY.

Named Lima Wax, as it has bright, glossy foliage, and the bloom resembles the Dwarf Lima. The pods are very broad and flat and a most excellent rich quality. The plant is branching and vigorous, with an immense amount of foliage, pods are borne in the greatest profusion, often a single plant having from 50 to 60 or more pods. When in bloom the plant is completely covered with flowering spikes, and as the pods form in clusters they sink beneath the dense foliage, which shields them from light showers, heavy dews and hot sun, which is a protection against their spotting or rusting and becoming soiled, as compared with other sorts. They require thin planting (two beans being sufficient for a hill) on very rich soil, and will run true and not sport.

The pods are the broadest of all wax bush beans, color transparent glossy lemon wax, having the yellow waxy appearance very soon after the pods are formed. When picked will retain their bright, attractive appearance for a long time and not become tough. Quality very tender, juicy, and flavor delicate, delicious. Seed small oval, pure white, which is much in their favor compared with a colored bean.

Having wonderful productiveness, attractive appearance and keeping qualities, it is likely to become a favorite for main crop with truckers. Owing to its tenderness, fine quality and delicious flavor it cannot help but please those who want the best. Being white seeded, retaining nice rich color, and delicate, delicious flavor, when canned, it will be most desirable for canners' use.

Prices for 1897, per packet 10c, 3 for 25c, 1-2 lb. 30c, lb. 50c, (postpaid).



Simmers' Extra Early Beet

SIMMERS' EXTRA EARLY BEET

Combines more good qualities than any other variety.

RICH RED FLESH EXCEEDINGLY TENDER
REMARKABLY EARLY

In this early beet we have secured more good qualities than were ever combined in any one variety before. In shape it is almost round. The leaves are small and compact and set very close to the centre of the bulb. The tap-root also is small, starting clear from the bulb without taper; indeed, it combines to a greater degree than any variety we know the maximum of edible bulb with the minimum of root and foliage. The color is crimson, the prevailing shade being very dark, changing alternately into rings of a lighter hue. The constancy of color in every bulb largely enhances its value. It is extremely early. But it is when prepared for the table that its fine qualities become most apparent, the fine, rich color making it conspicuous. The flesh, of delicate texture, is rich, sugary and entirely free from fibre. We are confident that it will secure a permanent place in every garden where tried.

Price: pkt 10c, oz 15c, 2 oz 25c, 1-4 lb 40c, lb \$1.50.

CAULIFLOWER

J. A. SIMMERS' GILT EDGE

An experience of years with this strain enables us to claim for it the distinction of being *the very best and surest of all*. We say positively that it is so *without any exception*. It is a sure header, either for early or late sowing, and can be left longer in the field without decaying than any other sort. It matures immediately after "Snowball," but is a heavier sort.

Pkt 25c, 1-2 ounce \$2.25, ounce \$4.00.

SIMMERS'

Matchless Flat Dutch Cabbage

The Matchless Flat Dutch is entirely distinct from the well-known *Premium Flat Dutch Cabbage*, and differs from all other strains of Late Flat Dutch in that it is *quicker growing* (earlier to mature), hence can be started later. It is extremely handsome in appearance, as indicated by our illustration, which also shows its low growing character—the stumps being very short. The well-developed heads are *true to type* and uniform in color, which is an attractive bluish green. The heads measure about 13 inches across and weigh from 10 to 12 pounds each. They will pack about 14 to the barrel. The **Matchless Flat Dutch** comes *very true* and is **a sure header**. The heads are of good, marketable size, hard, solid and fine-grained. A very superior Cabbage for autumn and winter use.

Per pkt 5c, oz 15c, 2 oz 25c, 1-4 lb 40c, lb \$1.50.



Simmers' Matchless Flat Dutch Cabbage

Mail Orders Filled Promptly

1897

To Our Friends and Patrons

1897

GREETING This being the **Forty-Second Year** since establishing our immense Seed, Bulb and Plant Business in Toronto, in greeting our numerous old friends and patrons, and tendering them **Our Annual Cultivators' Guide and Catalogue of Seeds, Bulbs, Plants, Etc., for 1897**, we take this opportunity of returning sincere thanks for their recognition of our efforts to supply them with everything good and reliable in our line, and we trust that they will continue to extend to us that liberal share of their patronage which we may fairly claim, and to deserve which we have at all times done our utmost by honest and square dealings.

Our Catalogue

We here wish to say, that, doing our utmost to make mention in this Catalogue of our large and varied stock, many articles are unavoidably omitted. We shall cheerfully procure and furnish prices of anything (of whatever nature) obtainable in the interest of our numberless customers. Please write for anything in the seed line you may wish to procure and which you do not see mentioned in this Catalogue.

In compiling our Catalogue we give descriptions free from all appearance of exaggeration, and make our engravings as true to type and nature as possible, considering well the fact that a Seedman's Catalogue should be rational in its tone, educational in its matter, and as clearly descriptive of the things offered as a limited space will allow. It is our desire to make our Catalogue serviceable as a book of reference, and as clear as possible, so that it will not be simply looked at and then thrown aside.

Our Seed Stocks

Our Seed Stocks have been kept up to our high standard of excellence; our plants are well grown and thrifty; our tools and implements are from the best manufacturers in their respective lines, and our fertilizers are of the highest grades procurable.

Our Prices

It is our constant aim to make Highest Quality a first consideration, and then to make our prices as low as good, honest seeds can be sold. Our prices for seeds of the highest standard of excellence, therefore, will in all cases be found as low as those of any other reliable house. "Our success achieved can only be maintained by the methods that obtained it."

Orders

We endeavor to be as liberal as possible in filling orders, and strive to send our customers goods that will be satisfactory in every way. The greatest care will, as heretofore, be bestowed in putting up all orders, large or small; also that amateurs not acquainted with the varieties offered, will, by leaving the selection to us, be liberally and judiciously supplied. Our aim will always continue to be to give every satisfaction to the purchaser, **both in quality of the articles supplied, and in the manner of packing and forwarding.**

About Warranting Seeds

It is impossible for us to guarantee the crop in any way, as there are so many causes that operate against the growth and productiveness of the seeds, over which we can have no control. We spare no trouble or expense in this matter, *but all seeds bought from us must be on the condition that we give no warranty, expressed or implied, as to description, quality, growth, productiveness, or any other matter, of any seeds we sell; nor will we hold ourselves in any way responsible for the crop.*

Publications

We issue the following Catalogues and Price Lists during the year:— January 1st, Market Gardeners' and Florists' Price List. January 1st, Trade List of Seeds, etc. January 1st, Illustrated Guide for Amateur Gardeners (this one). August 15th, Price List of Winter Wheat. Sept. 1st, Autumn Catalogue of Dutch and other Bulbs, etc.

Reliable Table Showing the Quantity of Seed Usually Sown Upon an Acre

Lbs. per Bushel.	Lbs. per Bushel.
Barley, broadcast. . . . 48 2 to 3 bus.	Melon, Musk, in hill. . . . 2 to 3 lbs.
Beans, Dwarf, in drills. . . 60 1 1/2 bushel.	Melon, Water, in hills. . . . 4 to 5 lbs.
Beans, Pole, in hills. . . 60 10 to 12 qts.	Millet. 48 1 bush.
Beets, Table, in drills. . . 6 lbs.	Oats, broadcast. 34 2 to 3 bush
Beets, Mangel-Wurzel. . . 5 lbs.	Onion, in drills. 6 to 8 lbs.
Buckwheat. 48 1 bushel.	Onion, for Sets, in drills. . . 50 lbs.
Cabbage in beds to transplant. 1 lb.	Onion Sets, in drills. . . . 6 to 12 bus.
Carrot, in drills. 3 to 4 lbs.	Parsnip, in drills. 4 to 6 lbs.
Clover, Red. 60 20 lbs.	Peas, Round in drills. . . . 60 1 1/2 bush.
Clover, White. 60 12 to 15 lbs	Peas, Wrinkled in drills. . 60 1 1/2 bush.
Clover, Alsike. 60 10 lbs.	Peas, broadcast. 3 bush.
Clover, Lucerne or Alfalfa. 60 20 lbs.	Potatoes, cut tubers. . . . 60 8 bush.
Corn, in hills. 3 to 10 qts.	Pumpkins, in hills. 3 lbs.
Corn, for Fodder. 56 3 bush.	Radish, in drills. 8 to 10 lbs.
Cucumber, in hills. . . . 2 lbs.	Rye, broadcast. 56 1 1/2 to 2 bus.
Flax, broadcast. 56 1 1/2 bush.	Spinach, in drills. 15 lbs.
Grass, Kentucky Blue. . . 14 3 bush.	Squash, bush varieties, in hills. 4 lbs.
Grass, Orchard. 14 3 bush.	Squash, running varieties, in hills. 3 lbs.
Grass, English Rye. . . . 24 3 bush.	Tomato, to transplant. . . . 1 lb.
Grass, Red Top. 14 3 bush.	Turnip, in drills. 2 lbs.
Grass, Timothy. 48 1/2 bush.	Turnip, broadcast. 2 lbs.
Grass, Hungarian. . . . 48 1 bush.	Vetches, broadcast. . . . 60 2 to 3 bus.
Grass, Lawn. 15 4 bush.	Wheat, broadcast. 60 1 1/2 to 2 bus.

Please Read Carefully What We Do

Seeds by Mail—We send free, by mail, all seeds priced by the packet, ounce or quarter pound; and all seeds quoted by the pound, except Beans, Field Beets, Field Carrots, Broom Corn, Corn, Mangel, Peas, Rape, Field Turnips and Swedes, Clover, Grasses and Bird Seeds; to these varieties **four cents per pound** must be added for postage.

We Guarantee that every package we send out shall reach its destination in good condition, and that everything shall be received exactly as ordered. If a package is lost we will replace it.

We Pack all seeds and plants carefully, and they will carry to any part of the world with safety.

Completion of Orders—As the season advances our stock of some varieties becomes exhausted. In such cases we substitute with an article of the same variety, of equal quality, or return the money. Potatoes, bulbs, plants, etc., will be sent only when all danger of frost is past.

Orders—We fill orders within forty-eight hours after being received, if possible.

Errors—Should any errors occur, we desire to be informed of the fact and promise to make such corrections as will be perfectly satisfactory.

What Customers Should Do

Forward Money with your order, by post office order, bank draft or registered letter. All money sent by any one of the above ways will be at our risk.

Be sure and write your name and address plainly, as we very often get letters without names, and others without the post-office address or county. Keep a copy of your order, by marking in your Catalogue, opposite the variety, the quantity ordered of each; by so doing you will know when your goods arrive if all is correct.

Send your Orders early—By so doing you are sure of getting all you order, for as the season advances some varieties run short.

Ladies should always prefix their names with (Miss or Mrs.) as the case may be.

Correspondents should always sign their names alike each time. Ladies very often sign their husbands' names in sending an order, and then again their own names, perhaps making enquiry about it, or *vice versa*. This gives us a great deal of trouble looking through long files.

Should you receive an extra copy of our Catalogue, or have no use for this one, kindly hand it to some one who would likely be wanting seeds, etc.

Always give shipping instructions when ordering large quantities of seeds, etc. Say whether by freight or express. Should instructions not be given, we shall use our best judgment as may seem to us advisable.

Should you make any change in your permanent address, please notify us, so that we may be able to forward our Catalogue to you every year.

Important—Should you not receive your seeds, etc., in a reasonable time after sending your order, advise us of the fact, enclosing duplicate order, and state the date order was mailed, the amount of money enclosed, and in what form. On receipt of this we will at once duplicate order, and investigate the matter; but if duplicate is not sent, we cannot comply.

Goods ordered shipped to any flag station must have **freight prepaid**. Please allow for same in remittance.

Seeds ordered by the peck or bushel will be sent either by express or freight, at purchaser's expense.

Address all orders and other communications to

ANTON SIMMERS
HERMANN SIMMERS }

J. A. SIMMERS,

Offices and Seed Warehouses—

TORONTO.

147, 149, 151 King St. East, South Side.

NOTE—It is unnecessary to register letters containing stamps only. Customers in Newfoundland will please allow for postage at the rate of 15c. per pound or fraction of a pound. Customers in the United States will please allow for postage, at rate of one cent per ounce, or 16c. per pound.

Quantity of Seed Required for a Specified Length of Drill

Asparagus 1 oz.—60 ft. of drill.	Peas 1 qt.—100 ft. of drill.
Beet 1 oz.—50 ft. of drill.	Pumpkin 1 oz.—40 hills.
Beans, Dwarf. 1 qt.—100 ft. of drill.	Radish 1 oz.—75 ft. of drill.
Beans, Pole. 1 qt.—150 hills.	Salsify 1 oz.—70 ft. of drill.
Carrot 1 oz.—150 ft. of drill.	Spinach 1 oz.—75 ft. of drill.
Cucumber 1 oz.—50 hills.	Squash, Early . . . 1 oz.—50 hills.
Corn 1 qt.—200 hills.	Squash, Marrow. . 1 oz.—20 hills.
Leek 1 oz.—100 ft. of drill.	Turnip 1 oz.—150 ft. of drill.
Melon, Water . . . 1 oz.—30 hills.	Cabbage 1 oz.—2000 plants.
Melon, Musk . . . 1 oz.—50 hills.	Cauliflower 1 oz.—2000 plants.
Onion 1 oz.—100 ft. of drill.	Celery 1 oz.—3000 plants.
Onion Sets, small. . 1 qt.—40 ft. of drill.	Lettuce 1 oz.—3000 plants.
Parsley 1 oz.—125 ft. of drill.	Pepper 1 oz.—1000 plants.
Parsnip 1 oz.—150 ft. of drill.	Tomato 1 oz.—1500 plants.

Simmers' Great . . . Garden Seed Collections



FOR THE CITY GARDEN, SUBURBAN GARDEN AND COUNTRY GENTLEMAN'S HOME.

A COMPLETE GARDEN AT A SAVING OF 35 PER CENT.

—AND BESIDES—

..These Collections..

CONTAIN ONLY

TRUE AND TRIED KINDS.

You cannot make any mistake in the selection of varieties by ordering one of these Collections, for the varieties are selected by us with a view to giving

A Continuous Supply

THROUGHOUT THE SEASON OF

FRESH VEGETABLES.

By putting these up complete, all ready for mailing, early in the season, before our spring trade begins, we can do so at the lowest possible expense. There then remains nothing to do but to write the address of the customer, stamp and mail the package. This is a great saving of time to us and we give our customers the benefit of it in the **BARGAINS**.

They are Free by Mail on receipt of Price. Not Subject to any Discount or Premiums.

Considering the extremely low rates, WE CANNOT POSSIBLY PERMIT ANY CHANGES in the varieties.

Bean, Simmers' Giant Wax.
Bean, Improved Valentine.
Beet, Edmand's Blood Turnip.
Cabbage, Early Jersey Wakefield.
Cabbage, Vandergaw.
Carrot, Scarlet Intermediate.
Celery, Golden Self-blanching.
Celery, White Plume.
Corn, Sweet, Cory.
Corn, Sweet, Ne Plus Ultra.
Citron.
Cucumber, Chicago Pickle.
Cucumber, White Spine.
Lettuce, Simmers' Nonpareil.
Lettuce, Simpson's Early.
Mush Melon, Green Nutmeg.
Musk Melon, Simmers' Dominion Musk.
Water Melon, Cuban Queen.



Onion, Mammoth Silver King.
Onion, Prizetaker.
Parsley, Champion Moss Curled.
Parsnip, Improved Hollow Crowned.
Pepper, Sweet Spanish.
Peas, American Wonder.
Peas, Stratagem.
Pumpkin, Mammoth.
Radish, Olive-shaped Scarlet.
Radish, Long Scarlet.
Salsify, Mammoth Sandwich Island.
Squash, Summer, Crook Neck.
Squash, Sibley.
Turnip, Purple Top, Strap-leaved.
Tomato, Early Ruby.

And Pkt. Wild Garden Flower Seed Mixture.

Contains 33 packets of the best Vegetable Seeds, sufficient to furnish vegetables throughout the year, and 1 packet of Flower Seeds, which we will send prepaid to any address in the Dominion of Canada for the extremely low price of **\$1.00**.

Garden Collection No. 2.

16 Packets for 50 Cents.

Beans, Simmers' Giant Wax.
Beet, Edmand's Blood Turnip.
Carrot, Scarlet Intermediate.
Corn, Sweet, Cory.
Cucumber, White Spine.
Cabbage, Vandergaw.
Celery, White Plume.
Lettuce, Simmers' Nonpareil.
Musk Melon, Green Nutmeg.
Water Melon, The Boss.
Onion, Mammoth Silver King.
Parsnip, Improved Hollow Crowned.
Parsley, Champion Moss Curled.
Peas, American Wonder.
Radish, Long Scarlet.
Tomato, Early Ruby.

And Pkt. Wild Garden Flower Seed Mixture.

Garden Collection No. 3.

8 Packets for 25 Cents.

Beet, Edmand's Blood Turnip.
Carrot, Scarlet Intermediate.
Cucumber, White Spine.
Lettuce, Simmers' Nonpareil.

Musk Melon, Green Nutmeg.
Water Melon, The Boss.
Onion, Mammoth Silver King.
Radish, Scarlet Olive-shaped.

SIMMERS'

Vegetable Collection for Farmers No. 4.

Price, 75 Cents.

Contains 1 ounce Beet, 1 pound Beans, 1 ounce Carrot, 1 pound Sweet Corn, 1 packet Cucumber, 1 packet Lettuce, 1 packet Water Melon, 1 packet Citron, 1 ounce Onion, 1 packet Parsnip, 1 packet Radish.

The "Suburban Garden" Collection.

Price \$2.50. Weight packed for shipment, 13 Lbs.

Transportation to be paid by customer. If wanted by mail add 50 Cents.

Contains 36 distinct varieties in all, viz.:-

Bean, Dwarf, Green Pod, 1 qt.
Bean, Dwarf, Yellow or Waxpod, 1 qt.
Bean, Dwarf Lima, ½ pint.
Beet, Round Red, 1 pkt.
Cabbage, Early, 1 pkt.
Cabbage, Late, 1 pkt.
Carrot, Early Long Scarlet, 1 pkt.
Celery, Self-blanching, 1 pkt.
Cucumber, 1 pkt.
Cucumber, for Pickles, 1 pkt.
Corn, Sugar, Early, ½ pt.
Corn, Sugar, Late, ½ pt.

Egg Plant, 1 pkt.
Endive, or White Chicory, for Salads, 1 pkt.
Leek, for Soups, 1 pkt.
Lettuce, Early Heading, 1 pkt.
Lettuce, Best for Summer, 1 pkt.
Melon, Musk, Sweet, Green-fleshed, 1 pkt.
Melon, Water, Early, 1 pkt.
Onion, Early White, for Slicing, 1 pkt.
Onion, Large Red, for Boiling, 1 pkt.
Parsley, Double Curled, for Garnishing, 1 pkt.
Parsnip, Long White, 1 pkt.
Peas, Extra Early, 1 qt.

Peas, Medium, 1 qt.
Peas, Late, 1 qt.
Pepper, Long Red, 1 pkt.
Pumpkin, Best for Pies, 1 pkt.
Radish, Round Red, 1 pkt.
Radish, Round White, 1 pkt.
Salsify, White, 1 pkt.
Spinach, Best Summer, 1 pkt.
Squash, for Summer, 1 pkt.
Squash, for Fall, 1 pkt.
Tomato, Large Smooth Scarlet, 1 pkt.
Turnip, Round White Table, 1 pkt.

General
List . .

SIMMERS' . . . VEGETABLE SEEDS

Crop of
. . 1896

With Directions for Cultivation.

THE following list embraces not only all the standard varieties of vegetables, but also those novelties which, after careful and comparative tests, have been found to be improvements on older varieties, and customers may thus avoid much needless expense and annoying disappointments, so often caused by the unscrupulous recommendation of doubtful "novelties." If our list be not so extensive as that of some other seedsmen, we do claim it to be unexcelled in true value to buyers, and to this precaution and the high standard of quality maintained by us, we attribute the steady increase of our mail orders, gaining even in poor seasons and doubling in good ones. We avoid all doubtful or cheap sources of supply, paying for our CAULIFLOWER, CELERY, CABBAGE AND MELON seeds often three times what we might purchase at, if we ventured the risk of inexperienced growers.

Please note the facilities for sending Seeds by Mail on page 1. We guarantee the safe arrival of all Seeds, etc., when sent by Mail.

Artichoke.

German—Artischoke. French—Artichaut.

CULTURE.—Sow in April in rich soil and transplant to permanent beds the next Spring, in hills three feet apart each way, with three plants to a hill. A rich, deep loam is required and plenty of moisture. Cover with litter or earth in winter.



Large Green Globe. The best for general culture. Per pkt 5c, oz 40c.

Jerusalem Artichokes. A hardy and productive plant, used for cooking, pickling for table use and feeding stock; strong tubers. Per lb 10c, 3 lbs postpaid 35c, peck 50c, bushel \$1.50.

Chinese Artichokes—10c doz, 50c per 100.

Asparagus.

Ger., Spargel. Fr., Asperge. (1 oz. for 60 ft. of drill.)

CULTURE.—After soaking the seed for 24 hours in lukewarm water, sow as early in Spring as the season will permit and the ground can be worked, in drills one foot apart, covering the seed one inch deep. Thin plants to three inches apart in the row. The following Spring (not too early) transplant into permanent highly manured beds four feet wide and three rows in each. Plant one foot apart. Cover in the Fall with well decayed manure, and in the Spring give a good dressing of salt.

Columbian Mammoth White—A newer and distinct variety that produces shoots which are white, and which remains white as long as fit for use. It is more robust and vigorous in habit and throws larger shoots, and fully as many of them as the "Connover's Colossal," and requires no earthing up, as in the green sorts, in order to furnish the white shoots so much sought after. This grand result in producing a White Asparagus did not come by chance, but was the outcome of years of patient work and careful selection by the originator. Pkt 5c, oz 10c, 2 oz 20c, ½ lb 30c, lb \$1.00.

PLANTS.—\$2.00 per 100, 50 for \$1.00, 25 for 50c, postpaid.

Large Giant (Mammoth), one of the best varieties, large and productive; strong two-year old plants. \$1.50 for 100, 50 for 75c, 25 for 50c, postpaid. Seed per pkt 5c, oz 10c, 2 oz 15c, ½ lb 20c, lb 50c.

Connover's Colossal, a very large, productive and distinct variety; strong two-year old plants. \$1.50 for 100, 50 for 75c, 25 for 50c, postpaid. Seed per pkt 5c, oz 10c, 2 oz 15c, ½ lb 20c, lb 50c.

Palmetto.—It is of very large size, even and regular in growth and appearance. It is a very early sort and immensely productive and of the very best quality. \$1.50 for 100, 50 for 75c, 25 for 50c, postpaid. Seed per pkt 5c, oz 10c, 2 oz 15c, ½ lb 25c, lb 75c.

Beans.

Bush, Dwarf, Snap or String.

German Bohne. French Haricot.

CULTURE.—Plant as soon as danger from frost is past, in light, warm soil, in drills about two feet apart, three inches apart in the drill, or in hills three to four feet apart. Avoid cultivating when wet with rain or dew, as this will injure the crop, but hoe often when dry. Plant every two weeks for succession. One quart will plant 200 hills, or a drill of 100 feet.

Burpee's Bush Lima.—A dwarf variety of the Improved Lima which has been fixed in its character of a bush bean; it is very prolific, single plants often producing from 150 to 200 pods. The beans grow close together in the pods, producing 3 and 4 and sometimes 5 in a pod, and are very thick, sweet and succulent, equal in quality and tenderness to our Pole Lima. It requires no poles or staking whatever, and should be planted about two feet apart in the rows. Per pkt 5c, pint or lb 20c, quart 40c, 5 lbs 80c, peck \$2.00.

BEANS—GREEN PODDED VARIETIES.

Henderson's Bush Lima.—It grows without the aid of poles, in compact Bush form, about 18 inches high, and is very early. It produces a continuous crop from the time it comes into bearing until frost, and being enormously productive, a small patch will keep a family supplied with this splendid vegetable through the season. Per pkt 5c, lb 20c, quart (2 lbs) 40c, 5 lbs 80c, peck \$2.

Simmers' Canadian Wonder.—It is a giant among green podded varieties, forming a large, robust plant, covered with long, thick, flat pods, somewhat similar in shape to the well-known Mohawk, but nearly twice as large, frequently measuring from nine to ten inches in length by three-quarters of an inch wide and one-half inch thick. It is much later than the Mohawk and of similar quality. It is a good shipper, and both market gardener and amateur requiring a prolific late string bean, growing immense, handsome pods, would do well to grow some of them. The largest and most handsome green pod bean of strictly bush form which we know of. Per pkt 5c, lb 10c, quart (2 lbs) 20c, 5 lbs 40c, peck (15 lbs) \$1.00.

Early China, red eye, a well-known and prolific sort, very tender. Per pkt 5c, lb 10c, quart (2 lbs) 20c, peck (15 lbs) \$1.00.

Mohawk, very hardy and prolific, also very early; good string bean. Per pkt 5c, lb 10c, quart (2 lbs) 20c, peck (15 lbs) \$1.00.

Yellow, or Six Weeks, early, hardy and most prolific variety; a good reliable cropper. Per pkt 5c, lb 10c, qt (2 lbs) 20c, peck (15 lbs) \$1.00.

Refugee, or 1,000 to One, solid podded, excellent and prolific; much used for canning. Per pkt 5c, lb 10c, qt (2 lbs) 20c, peck (15 lbs) \$1.00.

Valentine, round podded, early, tender and prolific; good for a string bean or pickling. Per pkt 5c, lb 10c, quart (2 lbs) 20c, peck (15 lbs) \$1.00.

Large White Marrowfat, extensively grown for sale as a dry bean for winter use; excellent either when green in pods or dry. Per pkt 5c, lb 10c, quart (2 lbs) 20c, peck (15 lbs) \$1.00.

White Kidney or Royal Dwarf, a superior variety for baking; is also excellent when green in pods. Per pkt 5c, lb 10c, quart (2 lbs) 20c, peck (15 lbs) \$1.00.

LIBERAL PREMIUMS ON ALL SEEDS IN PACKETS.

To induce our Patrons to form clubs to purchase Seeds in quantity, we will offer the following **Liberal Discount** on all Seeds in packets:

Purchasers remitting \$1.00 may select seeds in packets amounting to \$1.20					
" " " " " "	2.00	"	"	"	2.45
" " " " " "	3.00	"	"	"	3.75
" " " " " "	4.00	"	"	"	5.00

The above discounts apply to Seeds in Packets Only, and do not apply to ounces, pounds, etc.



Burpee's Bush Lima.

BEANS

BUSH, DWARF
WAX-PODDED VARIETIES

SIMMERS' EARLY GIANT WAX OR BUTTER—This is really one of the most valuable varieties for either private or market garden purposes. It is earlier than either the Black or Golden Wax sorts, and has a peculiar value in the fact that it is always exempt from rust. The pods are of very large size, often from 6 to 9 inches long; exceedingly succulent and tender when full grown. It is an enormously productive variety. Per pkt 5c, lb 15c, quart [2 lbs] 25c, peck [15 lbs] \$1.75.

Keeney's Rustless Golden Wax—The pods are meaty and well filled, thick-flat when young, and semi-round later; of rich yellow color and fine quality, and entirely stringless even when large enough to shell. If the pods are picked as fast as formed, the plant continues to furnish a bountiful supply for an unusually long season. Price per pkt 5c, lb 20c, qt [2 lbs] 40c, peck \$2.00.

Wardwell's Kidney Wax—One of the very best Wax Beans, bearing long pods, of delicate waxy yellow, entirely stringless and brittle, fine buttery flavor, heavy yielder. Per pkt 5c, pt 10c, qt 20, peck \$1.00.

Detroit Wax—Very hardy and productive, pods straight, flat, but thick to edge; distinctly broader than the Golden Wax. They do not turn to wax color so early, but when well grown and fit for use they are of a beautiful golden wax color and of the finest texture. We think this variety is *absolutely* rust-proof. Per pkt 5c, lb 10c, quart [2 lbs] 20c, peck \$1.00.

Giant Yosemite Wax—The pods of this monster bean average 10 to 14 in. in length, are nearly all **solid pulp and absolutely stringless**, cooking tender and delicious. They are of a rich golden yellow color, plant is a vigorous grower, enormously productive and if pods are kept closely picked, new ones will constantly be produced. Very desirable variety. Per pkt 5c, pt 20c, qt 40c.

Rust Proof Golden Wax—As we all know, the Golden Wax has long been a popular and desirable variety, its greatest fault being its liability to rust, especially in wet weather. Pods are thicker than Golden Wax, and if anything of better quality, and above all absolutely rust proof. Per pkt 5c, pt 15c, qt 25c, peck \$1.75.



Simmers' Giant Dwarf Wax or Butter Beans, the standard variety for table use

Early Golden Wax or Butter—Yellow pods, several days earlier than the ordinary Black Wax, quite distinct, very prolific, brittle and stringless. Per pkt 5c, lb 10c, qt [2 lbs] 20c, peck [15 lbs] \$1.00.

Early Black-seeded Wax, or Butter—Almost stringless yellow pods, thick, very tender and delicious, a standard variety. Beans black when ripe. Per pkt 5c, lb 10c, qt [2 lbs] 20c, peck [15 lbs] \$1.00.

Early White-seeded Wax, or Butter—A variety with wax-like pods similar to the Black Wax, except in the color of the seed. Per pkt 5c, lb 10c, qt [2 lbs] 20c, peck [15 lbs] \$1.00.

Early Crystal White Wax—Transparent pods, stringless, good flavor, seeds white. Per pkt 5c, lb 10c, qt [2 lbs] 20c, peck [15 lbs] \$1.25.

Cylinder Ivory Pod Wax Bean—This is without doubt the most productive and handsome of all Wax Beans yet known. Price per pkt 5c, lb 30c, qt 50c, 5 lbs \$1.25.

Pole Beans

Pole Beans, being tender, ought not to be planted until the ground is dry and warm. A well manured, sandy loam suits them best. Plant in hills 4 feet apart, 6 to 8 beans to hill; eyes downward, afterwards thin to three plants in a hill. Set poles 8 to 10 feet long before planting seed.

"Golden Champion"—Certain to be the leading Early Wax Pole Bean, fully two weeks earlier than any other variety, being fit to pick on July 24th of last year. Pods are enormous, resembling the Giant Yosemite Wax in size and form; color light yellow. Are absolutely stringless and tender. Pkt 5c, pt 20c, qt 40c, 5 lbs \$1.00, peck \$2.50.

Lazy Wife—Large pale green pods; very thick meaty; stringless, rich, tender and buttery; ripens early; clings well to pole, enormously productive, splendid either as a snap or shell bean, retains its exquisite flavor until nearly ripe (see cut). Pkt 5c, lb 20c, 5 lbs 80c, pk \$2.25.

Golden Andalusia Wax—The pods are five or six inches long, broad, thick, very fleshy, and *entirely* stringless, surpasses all other varieties in these respects. Pods when fully grown are from five to six inches long, exceedingly rich, buttery, and fine flavored when cooked. Pkt 5c, lb 25c, 5 lbs \$1.00, peck \$2.50.

Giant Wax, or Butter—Pods 6 to 9 inches long, clear waxy yellow, thick, fleshy, prolific and tender when full grown. Pkt 5c, lb 30c, qt 50c, 5 lbs \$1.20, peck \$3.00.

Asparagus or Yard Long [Genuine]—It is a Pole Bean, with dark green foliage and immense pods of a beautiful green color, tender and delicious. Although of such extraordinary length they are produced abundantly. Pkt 10c, 3 pkts 25c, lb 50c.

Early Dutch Case Knife—Very productive, excellent whether used green or shelled dry. Pkt 5c, lb 15c, qt 30, 5 lbs 70c, peck \$2.00.

Improved Large Lima—Unsurpassed, and universally grown for private use, very early and tender. Pkt 5c, lb 15c, qt 30c, 5 lbs 70c, peck \$2.00.

Scarlet Runner—A favorite sort, cultivated for the beauty of its flowers as well as for table uses, grows 9 or 10 ft. high; dazzling scarlet flowers. Pkt 5c, lb 15c, qt 30c, 5 lbs 70c, peck \$2.00.

Giant White Runner—A white-seeded variety of Scarlet Runner, but earlier and more prolific, producing immense pods in great abundance. Pkt 5c, lb 15c, qt 30c, 5 lbs 70c, peck \$2.00.

Tasmanian Mammoth—Pods of an extraordinary length, nearly three feet, the thickness of an ordinary lead pencil, quite stringless and tender when half ripe, and of pleasant flavor when cooked, a great curiosity, and very prolific. Pkt 10c, lb \$1.00.

Blue Podded Giant Marrow—Pods about 10 inches in length, of a purplish-blue color, and most luscious when cooked. Pkt 5c, lb 40c, qt 75, 5 lbs \$1.75, peck \$3.50.

Beans—English or Broad

(N.B.—One pound of Beans is equal to about one pint, and will plant about 50 feet of drill.)

CULTURE.—The English Broad Beans are very hardy, and should be planted as early in the spring as the ground can be worked, in rows 2 ft. apart, about 5 in. apart in the row, and cover 2 inches deep.

Early Mazagan—The earliest, very hardy, and bears freely, best adapted to our climate. Pt 5c, lb 20, qt 40c, peck \$2.00.

Broad Windsor—Large, one of the best, ripens well, very prolific. Pkt 5c, lb 20c, qt 40c, peck \$2.00.

BROCCOLI

CULTURE.
Same as Cauliflower.

German. Spargel-Kohl. French—Chou Brocoli.

Early Purple Cape—Heads medium size, close and compact, sure to head. Pkt 10c, oz 20c, 2 oz 40c, ½ lb 75c.

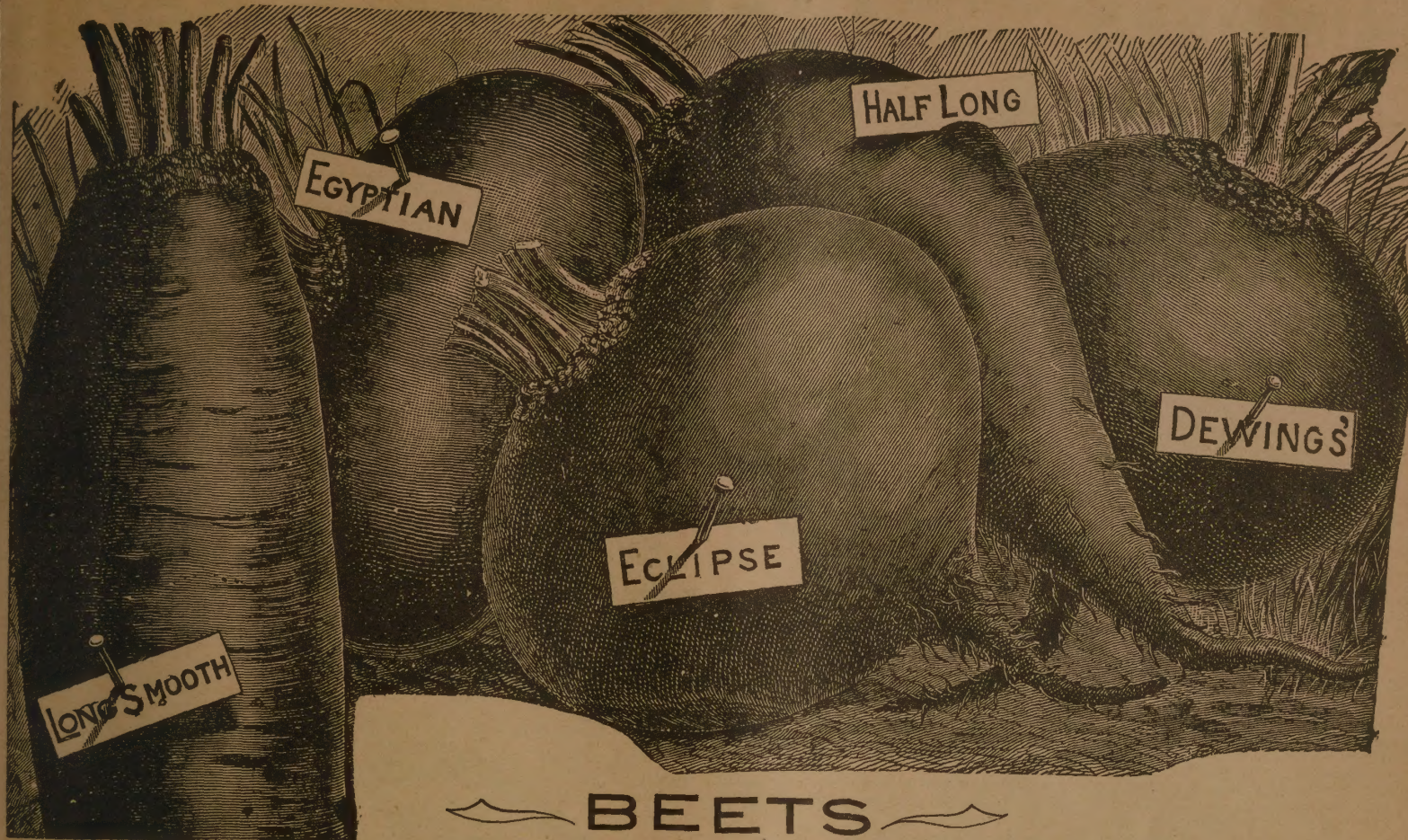
Walcheren—It bears large compact heads of a creamy white color and of good flavor, can be grown where Cauliflower makes an uncertain crop. Pt 10c, oz 50, 2 oz 85c, ½ lb \$1.50.



azy Wife Pole Bean

The Seeds have arrived all right. Thanking you for your promptness and kind favors.
Respectfully, JAS SHANKS, Leamington, Ont.

MARCH 4th, 1896.



BEETS

German—Runkle-Rübe. French—Betterave.

One ounce will sow 100 feet of drill.

CULTURE.—The soil best suited to the Beet is a deep, light, and rich sandy loam. For early Beets the seed should be sown about the middle of April or as soon as the ground is in good working condition, in drills 12 to 14 inches apart, and thinned to 10 inches apart in the drills. For winter crops 1st June is the right time. Cover 1 inch deep.

Simmers' Earliest of All. For description see novelties. Per pkt 10c, oz 15c, 2 oz 25c, $\frac{1}{4}$ lb 40c, 1b \$1.50.

EARLY ECLIPSE, remarkable for its rapid growth, extreme smallness of top and extra fine quality. Perfectly smooth and round, skin and flesh intense red, very fine grained and sweet, an excellent sort—see illustration. Per pkt 5c, oz 10c, 2 oz 15c, $\frac{1}{4}$ lb 20c, 1b 50c.

EARLY DARK RED FLAT EGYPTIAN, one of the earliest dark red Beets in cultivation; its color is a fine dark red, and its shape is that of an early flat white turnip; it never fails to give satisfaction—see illustration. Per pkt 5c, oz 10c, 2 oz 15c, $\frac{1}{4}$ lb 25c, 1b 60c.

Dewey's Improved Blood Turnip, roots deep blood, and of fine form and flavor. Per pkt 5c, oz 10c, 2 oz 15c, $\frac{1}{4}$ lb 25c, 1b 60c.

Early Blood Turnip—Good for summer or winter, flesh dark red color, a standard round variety, with small top, very tender. Per pkt 5c, oz 10c, 2 oz 15c, $\frac{1}{4}$ lb 20c, 1b 50c.

Edmand's Early. While not strictly a first early beet it follows very closely and is the most uniform of all Turnip Beets, with very small tops and short foliage of a rich red. The roots are handsome and round, very smooth, with a single tap root; of good marketable size, and for table use no variety can excel it in fine quality. The skin is deep blood red; the flesh also is dark red and exceedingly sweet and tender. Per pkt 5c, oz 10c, 2 oz 15c, $\frac{1}{4}$ lb 25c, 1b 60c.

Half Long Deep Dark Blood Red, the best for family use, tender, sweet, not requiring to be cut in two for boiling. Per pkt 5c, oz 10c, 2 oz 15c, $\frac{1}{4}$ lb 25c, 1b 60c.

Improved Arlington. It is of medium size and a dark rich blood-red color. It does not become bitter and stringy when a little old as is the case with many other varieties, but is sweet and tender at all times. Its grand quality, uniform shape and beautiful color leave nothing to be desired in this grand table beet. Per pkt 5c, oz 10c, 2 oz 15c, $\frac{1}{4}$ lb 25c, 1b 75c.

Early Bassano Flat Red, very clear, tender and sweet, rose color, grows to a good size. Per pkt 5c, oz 10c, 2 oz 15c, $\frac{1}{4}$ lb 20c, 1b 50c.

COLUMBIA BEET. This distinct beet is early, of finest quality and great uniformity, both in roots and neat, handsome foliage, being of turnip shape, with smooth, clear skin and deep blood red flesh. It is as early as the Eclipse and of much better quality. A very valuable market garden variety. Per pkt 5c, oz 10c, 2 oz 15c, $\frac{1}{4}$ lb 25c, 1b 75c.

Whyte's Very Deep Long Blood Red, very choice and long, best for market. Per pkt 5c, oz 10c, 2 oz 20c, $\frac{1}{4}$ lb 30c, 1b 80c.

Extra Long Smooth Deep Blood Red—The most popular kind for general use, keeps well. Per pkt 5c, oz 10c, 2 oz 15c, $\frac{1}{4}$ lb 25c, 1b 60c.

Dell's Black or Crimson Leaved Beet, both useful and ornamental, as it is extensively used for ribboning in flower borders, on account of its extremely striking foliage, being a deep dark metallic lustre. Per pkt 5c, oz 25c, 2 oz 40c, $\frac{1}{4}$ lb 75c, 1b \$2.

Silver Beet or Swiss Chard, sometimes called Sea Kale Beet; a variety with beautiful and tender leaves, used for "Spinach," the mid-rib is used and served as Asparagus. Per pkt 5c, oz 10c, 2 oz 20c, $\frac{1}{4}$ lb 30c, 1b \$1.

Brussels Sprouts

German—Kopfkohl Gruener. French—Chou de Bruxelles.

CULTURE.—The seeds should be sown in March or April in the hot bed, or in the open ground when the weather permits. When the plants are three inches high they should be transplanted and cultivated the same as cabbages or cauliflowers. The early ones will be ready for the table in September; the later ones, for winter use, should be harvested before cold weather, and stored the same as cabbages or cauliflowers.

Large Tall French (Dalmeny), a very fine variety; the sprouts are large and solid, and of delicious flavor. Pkt 5c, oz 20c, 2 oz 35c, $\frac{1}{4}$ lb 60c, 1b \$2.

Improved Dwarf, a standard variety of excellent quality, producing compact sprouts of fine quality; it seldom fails to produce sprouts, and is a good keeper. Per pkt 5c, oz 20c, 2 oz 35c, $\frac{1}{4}$ lb 60c, 1b \$2.

SIMMERS' "VEGETABLE AND FLOWER GARDEN" is a neat little book, giving full and explicit directions how to grow Vegetables and Flowers. Price, 15c, or when asked for, free with every order for Vegetable or Flower Seeds amounting to \$1 or more.

See our premiums on order sheet.

Try the latest and best—The New Model Seed Drill—Price \$8. Crated and carefully packed for shipment, weight about 40 pounds.

MARCH 30th, 1896.

I am glad to inform you that the Seeds I received from you last year are all you said they were, as I took all the first prizes on them, so I send a large order this year.

Mrs. ED. RAYMOND, Clear Creek, Ont.

Borecole or Kale

German—Blätter Kohl, French—Chou vert.

CULTURE.—Borecole or Kale may be grown in almost any soil, but the richer it is the more abundant the product. Sow from the middle of April to the beginning of May, in prepared beds, covering the seed thinly and evenly, transplant in June and treat in the same manner as for Cabbage. Of all the Cabbage tribe this is the most tender and delicate, and it would be much more extensively grown than it is if its excellent qualities were generally known. The varieties are all extremely hardy, and are best when touched by frost.

Dwarf Green Curled Scotch, very hardy, one of the best. Per pkt 5c, oz 15c, 2 oz 25c, $\frac{1}{4}$ lb 40c.

Dwarf Curled German Greens, or Sprouts, early and very tender. Per pkt 5c, oz 15c, 2 oz 25c, $\frac{1}{4}$ lb 40c.

Tall Green Curled Scotch, this is very hardy, and improved by a moderate frost. About thirty inches tall, with an abundance of dark green leaves, which are densely curled and cut, forming a very beautiful plant. It stands the winters in the Middle States without any protection. Per pkt 5c, oz 15c, 2 oz 25c, $\frac{1}{4}$ lb 40c.

Plumage, very curly, producing variegated leaves, suitable for ornamental and bedding purposes, also excellent for table. Per pkt 5c, oz 15c, 2 oz 25c, $\frac{1}{4}$ lb 40c.

4 Mistakes are said to happen in best regulated families. When you find one on us, do not complain to the neighbors, but write us plainly in black ink just what is wrong, assuming [what is the fact] that we will rectify it.

SIMMERS' SELECTED STOCK Cabbage Seeds



Burpee's All-Head Cabbage

EXTRA EARLY ETAMPES, a very early sort, producing medium-sized heads very sharply pointed. It grows quickly, is mild-flavored, and for private gardens a desirable sort. Per pkt 5c, oz 20c, 2 oz 30c, $\frac{1}{4}$ lb 50c, lb \$1.50.

SELECTED EARLY JERSEY WAKEFIELD, one of the best early varieties for private use, very solid, medium size, nearly round, of excellent flavor. Per pkt 5c, oz 20c, 2 oz 35c, $\frac{1}{4}$ lb 60c, lb \$2.00.

Early Winningstadt, pointed head, for summer and winter use, very sound, quality first rate, sure to head on all soils, desirable for private gardens. Per pkt 5c, oz 20c, 2 oz 30c, $\frac{1}{4}$ lb 50c, lb \$1.50.

SECOND EARLY VARIETIES

SIMMERS' EARLY GERMAN BRUNSWICK, a second early variety, short-stemmed, solid, large light green flat heads, similar but rather superior to St. Denis, most commendable to market gardeners and others, large as Henderson's and nearly as early, stem remarkably small and short, every plant sure to head. Per pkt 5c, oz 15c, 2 oz 25c, $\frac{1}{4}$ lb 40c, lb \$1.50.

Henderson's Succession—Handsome, large, and a sure header. The Succession is about one week later than the early summer, but is double the size, and is so finely bred that in a field of ten acres every head was a magnificent, perfect specimen, fit for exhibition purposes. Per pkt 5c, oz 15c, 2 oz 25c, $\frac{1}{4}$ lb 40c, lb \$1.50.

Early French Oxheart, a leading variety among the market gardeners, heads very early, tender and of fine flavor, our seed is selected from extra fine stock. Per pkt 5c, oz 20c, 2 oz 30c, $\frac{1}{4}$ lb 50c, lb \$1.50.

All Seasons.—This is a superior variety to plant for late as well as for early crop, the thickness of the head making it a capital variety to keep through the winter; heads large and solid, not liable to burst after heading. Per pkt 5c, oz 15c, 2 oz 25c, $\frac{1}{4}$ lb 40c, lb \$1.50.

FOTTLER'S IMPROVED BRUNSWICK DRUM-HEAD (American). Per pkt 5c, oz 15c, 2 oz 25c, $\frac{1}{4}$ lb 40c, lb \$1.50.

VANDERGAW CABBAGE.—This for a midsummer and a late cabbage, is without a rival. It is a medium late cabbage. Large green heads, hard, and of remarkable excellence; tender, crisp and delicious, and the most reliable header in existence. Per pkt 5c, oz 15c, 2 oz 25c, $\frac{1}{4}$ lb 40c, lb \$1.50.



Simmers' Early German Brunswick Cabbage. Best for General Crop

GERMAN—Kopf Kohl. **FRENCH**—Chou Cabus.
FOR CABBAGE PLANTS SEE END OF VEGETABLE LIST

One ounce will produce about 3,000 plants.

CULTURE.—For very early use sow in January or February in hot-beds; prick out when the plants are strong enough into other hot-beds; or sow in cold frames in March; transplant, when danger from killing by frost is past, to the open ground, in rows 2 feet apart and 18 inches in the row. For a succession sow in the open ground the last of March or early in April. To secure plants for wintering in cold frames sow the seed in well prepared, rich ground, from the 10th to 25th September. Cabbage succeeds best in a fresh, rich soil, well manured and deeply dug or plowed. The late plants are subject to attacks of the cabbage fly, which destroys them as fast as they appear above ground. To preserve the plants sprinkle them with wood ashes, air-slacked lime, plaster, *Slug-Shot* (which is the cheapest remedy and most effectual), or tobacco dust early in the morning while the plants are wet with dew.

EARLY VARIETIES

BURPEE'S ALL-HEAD EARLY—This is the earliest of all large cabbages, being at least a week earlier than any of the various strains of Early Summer Cabbage, and is fully one-third larger and therefore much more profitable to the market gardener. It is unquestionably the nearest approach to a thoroughbred cabbage of any variety yet introduced, both as regards size and uniformity of development. Per pkt 5c, oz 15c, 2 oz 25c, $\frac{1}{4}$ lb 40c, lb \$1.50.

Extra Early "Express", from 8 to 10 days earlier than the Early Etampes, which it resembles in shape, though smaller, heads pointed. It has few outside leaves and can be planted close. For a very quick forcing sort, try it. Per pkt 5c, oz 20c, 2 oz 30c, $\frac{1}{4}$ lb 50c, lb \$1.50.

Henderson's Early Summer, a standard early variety, much used by market gardeners, heads large, solid, and nearly globe-shaped, rarely or never bursts when fully matured. Per pkt 5c, oz 15c, 2 oz 25c, $\frac{1}{4}$ lb 40c, lb \$1.50.



Selected Early Wakefield Cabbage



Henderson's Early Summer Cabbage. The best in cultivation for earliest crop

Burpee's All-Head Selected Jersey Wakefield and Henderson's Early Summer Cabbage are the most profitable for early use.

CABBAGE—Continued.**SECOND EARLY VARIETIES**

EARLY PREMIUM FLAT DUTCH—One of the very best varieties to keep, large heads. Per pkt 5c, oz 15c, 2 oz 25c, $\frac{1}{4}$ lb 40c, lb \$1.50.

Early French Large York—A superior early heading, robust sort, which makes large heads that do not quickly split open. Per pkt 5c, oz 10c, 2 oz 20c, $\frac{1}{4}$ lb 35c, lb \$1.25.

Early Schweinfurt Quintal—A remarkable and valuable variety for earliness, and commendable both for summer and winter use, very large heads. Per pkt 5c, oz 15c, 2 oz 25c, $\frac{1}{4}$ lb 40c, lb \$1.50.

LATE VARIETIES

The Lupton—For description see novelties. Per pkt 10c, oz 20c, 2 oz 35c, $\frac{1}{4}$ lb 60c, per lb \$2.00.

Surehead—One of the surest headers and best main crop cabbages. The heads are round, flat on top, hard, and with few outside or loose leaves. Market gardeners will find it a most valuable sort, superior in many respects to the popular Premium and late Flat Dutch varieties. Per pkt 5c, oz 15c, 2 oz 25c, $\frac{1}{4}$ lb 40c, lb \$1.50.

Bismarck Cabbage—Solid, heavy and of quick growth. Per pkt 5c, oz 20c, 2 oz 35c, $\frac{1}{4}$ lb 60c, lb \$2.00.

AUTUMN KING—The finest of all winter cabbages. The Autumn King is an entirely distinct variety, and the best keeper we have ever seen; it produces enormous solid heads of dark green and has such small outer leaves that it can be planted much closer together than the ordinary late sorts, and can be relied on to produce a greater weight of crop than any other variety. Per pkt 5c, oz 15c, 2 oz 25c, $\frac{1}{4}$ lb 40c, lb \$1.50.

Filderkraut—This variety somewhat resembles the Winningstadt, but is larger in every way, more pointed, and heads up with fewer outside leaves. Per pkt 5c, oz 20c, 2 oz 30c, $\frac{1}{4}$ lb 50c, lb \$1.50.

Late Marblehead Mammoth—The largest known sort, solid, tender and free heading winter variety, and with good culture averages 30 lbs per head [American grown seed]. Per pkt 5c, oz 15c, 2 oz 25c, $\frac{1}{4}$ lb 40c, lb \$1.50.



Vandergaw Cabbage



"Autumn King" Winter Cabbage

Late French St. Denis

—Flat heads, very solid and heavy, one of the most profitable sorts for winter, keeps well all winter. Per pkt 5c, oz 15c, 2 oz 25c, $\frac{1}{4}$ lb 40c, lb \$2.00.

Late Large French Quintal

—One of the largest and most solid kinds known, flat heads, keeping well in winter. Per pkt 5c, oz 15c, 2 oz 25c, $\frac{1}{4}$ lb 40c, lb \$2.00.

Late Large Drumhead

—Heads large and solid, good for general crop, and of fine quality. Per pkt 5c, oz 15c, 2 oz 25c, $\frac{1}{4}$ lb 40c, lb \$1.25.

Late Flat Dutch

—short stem and large, solid flat heads. Our stock has been carefully selected for several years in order to get a cabbage of this type, and we are confident no better strain is in the market. Per pkt 5c, oz 15c, 2 oz 25c, $\frac{1}{4}$ lb 40c, lb \$1.25.



Premium Flat Dutch Cabbage



Simmers Perfection Drumhead Savoy

IT PAYS
TO USE
NITRATE OF SODA

On the Vegetable Garden

Send 10 Cents for Harris' Essay on Nitrate of Soda. Gives full description of its use on all kinds of Vegetables.



Improved Large American Drumhead Savoy

Savoy Cabbage**SIMMERS' PERFECTION DRUMHEAD SAVOY CABBAGE**

—Heads large and very finely curled, short stalk and compact grower, an excellent

keeper. Partakes of the size of the Drumhead, with the curled leaves and fine flavor of the Savoy. Far superior to the ordinary imported Drumhead Savoy. Per pkt 5c, oz 20c, 2 oz 35c, $\frac{1}{4}$ lb 60c, lb \$2.

SAVOY, Imported Large American Drumhead—The largest heading sort, of excellent flavor, short stalk, compact grower and excellent keeper. Per pkt 5c, oz 15c, 2 oz 25c, $\frac{1}{4}$ lb 40c, lb \$1.50.

SAVOY, Large German Drumhead—A large-headed Savoy Cabbage, tender and fine flavored. A good winter variety. Per pkt 5c, oz 15c, 2 oz 25c, $\frac{1}{4}$ lb 40c, lb \$1.50.

SAVOY, Largest French Drumhead—Heads very large, less curly than the preceding, but solid and heavy, and a good keeping variety. Per pkt 5c, oz 20c, 2 oz 35c, $\frac{1}{4}$ lb 60c, lb \$2.00.

SAVOY Dwarf Ulm—Choice, head firm, but small, very crisp, curly and fine flavored. Per pkt 5c, oz 15c, 2 oz 25c, $\frac{1}{4}$ lb 40c, lb \$1.50.

RED CABBAGE

Early Extra Red Dutch Erfurt—Extra fine, heads quickly, and of a very dark, blood-red color, valuable for pickling; when early pickles are desired this sort should be sown. Per pkt 5c, oz 15c, 2 oz 25c, $\frac{1}{4}$ lb 40c, lb \$1.50.

Large Late Deep Red Dutch Drumhead—For pickling, solid and of deep blood-red color, heads very hard and solid. Per pkt 5c, oz 20c, 2 oz 35c, $\frac{1}{4}$ lb 60c, lb \$2.00.

Mammoth Rock Red—The Mammoth Rock Red is a large growing and selected strain of late red cabbage, the heads will average 12 pounds each. Per pkt 5c, oz 20c, 2 oz 35c, $\frac{1}{4}$ lb 60c, lb \$2.00.



Mammoth Rock Red Cabbage

Simmers' Vegetable and Flower Garden is a neat little book, giving full and explicit directions how to grow Vegetables and Flowers. Price 15 cents, or when asked for, free with every order for Vegetable or Flower Seeds amounting to \$1.00 or more. See our Premiums on Order Sheet.

For Cabbage Plants See Plant List at end of Vegetables



SIMMERS' CARROT SEED

German—Möhre. French—Carrotte.

One ounce of seed will sow 100 feet of drill. Four pounds required for one acre.

CULTURE—The Carrot, like other root crops, delights in a sandy loam, richly tilled. For early crops sow in spring as soon as the ground is in good working order; for later crops they may be sown any time until the middle of June. Sow in rows about 16 inches apart, thinning out to three or four inches between the plants. In field culture, when grown for horses or cattle, the rows should be two feet apart, so that the crop can be worked by the Horse Cultivator. As Carrot seed is slow to germinate, all precautions must be taken to have the ground in good growing order.

Oxheart or Half-Long Guerande—(Stump rooted.)

This is one of the most valuable of all recent introductions, either for family use or market. Intermediate between the half-long and horn varieties, attaining a diameter of three to four inches at the neck, and of most beautiful shape and rich orange color. It is of extra fine quality and very productive. Per pkt 5c, oz 10c, 2 oz 15c, $\frac{1}{4}$ lb 25c, lb 80c.

Early Scarlet English Horn, or Half-Long—Very fine and sweet, pointed rooted. Per pkt 5c, oz 10c, 2 oz 15c, $\frac{1}{4}$ lb 25c, lb 80c.

Scarlet Intermediate—(Stump rooted.) This variety is more largely grown for Toronto market than any other; it is intermediate in size, smooth in skin, and rich in color. Per pkt 5c, oz 10c, 2 oz 15c, $\frac{1}{4}$ lb 25c, lb 80c.

Chantenay, Half-Long Scarlet—Stump-rooted variety, resembling the Nantes, but with larger shoulders; fine deep scarlet color. Per pkt 5c, oz 10c, 2 oz 15c, $\frac{1}{4}$ lb 25c, lb 80c.

Early Very Short Scarlet, or Golden Ball—French forcing, the earliest variety, almost as round as turnip radishes and very sweet; ready for use about five weeks after sowing. Per pkt 5c, oz 10c, 2 oz 20c, $\frac{1}{4}$ lb 35c, lb \$1.00.

PLEASE NOTE that all the foregoing varieties of Carrot Seeds are cleanly rubbed and fit to be sown without difficulty through any ordinary seed drill, which in Carrot Seed is an important item.

FOR FIELD VARIETIES OF CARROTS, SEE AGRICULTURAL SEEDS FURTHER ON

DON'T FORGET we want an Order from every person receiving one of these Catalogues.

CARDON

The mid-ribs of this vegetable are used while in a tender state, similar to Asparagus, and the young leaves in form of Spinach. Sow early in May, in rows two and a half feet apart, and thin the plants out to two feet in the row. When the plants have attained their full size, bind them together with matting or twine, and earth them up like celery to blanch.

Large Spanish—Per pkt 5c, oz 30c, 2 oz 50c, $\frac{1}{4}$ lb \$1.00, lb \$3.50.

CRESS OR PEPPER GRASS. One Ounce Will Sow About Fifteen Square Feet.

CULTURE—Sow thickly in shallow drills, very early in spring, and every two weeks throughout the season, give occasional waterings. Two ounces will sow ten feet square three times. Use as salad before the flowers appear. Transplant the Water Cress, when well rooted, to the banks of a running stream.

EXTRA CURLED—Standard sort, very fine for salads, may be cut two or three times. Per pkt 5c, oz 10c, 2 oz 15c, $\frac{1}{4}$ lb 20c, lb 50c.

Broad Leaved—A large-leaved variety, fine piquant flavor. Per pkt 5c, oz 10c, 2 oz 15c, $\frac{1}{4}$ lb 20c, lb 50c.

CORN SALAD—LAMB'S LETTUCE, (or Fetticus) German—Acker oder Felt Salat. French—Mache.

CULTURE—Sow about September or very early in spring, in drills half an inch deep and six inches apart, in rich ground. As the plants are for cutting when young, the seed may be sown pretty thin. Before the cold weather sets in protect with clean straw. It is cut during the winter and early spring for salads, and is most excellent as such. Price per pkt 5c, oz 20c, 2 oz 30c, $\frac{1}{4}$ lb 60c, lb \$2.00.



Extra Curled Cress

CHIVES. German—Schnittlauch.

Chives are perfectly hardy little perennials members of the onion tribe, and are grown exclusively for their tops, which are used wherever the flavor of onion is required. Planted in small clumps in any common garden soil they will grow readily, and in time increase so as to render a division necessary. The tops appear very early in spring, and can be shorn throughout the season, hence this valuable little plant should have a place in every garden.

Roots—Per bunch 25c, postpaid. **Seed** of the above, per pkt 10c.



Chives



Prize Competitions

\$90.00 IN CASH PRIZES !
FOR 1897.

\$30 FOR SIMMERS' IMPROVED GIANT
SHORT WHITE VOSGES CARROT

FOR THREE HEAVIEST SPECIMENS.

First Prize	- -	\$10.00	Fourth Prize	- -	\$4.00
Second Prize	- -	6.00	Fifth Prize	- -	3.00
Third Prize	- -	5.00	Sixth Prize	- -	2.00

PRICE—Per pkt., 5c.; oz., 10c.; $\frac{1}{2}$ lb., 15c.; lb., 40c.

\$30 FOR SIMMERS' MAMMOTH
PRIZE PUMPKIN

FOR THE HEAVIEST SPECIMEN.

First Prize	- -	\$10.00	Fourth Prize	- -	\$4.00
Second Prize	- -	6.00	Fifth Prize	- -	3.00
Third Prize	- -	5.00	Sixth Prize	- -	2.00

PRICE—Per pkt., 20c.; 8 pkts., 50c.; 7 pkts., \$1.00.

\$30 FOR SIMMERS' GERMAN . . .
. . . . BRUNSWICK CABBAGE

FOR THE THREE HEAVIEST HEADS.

First Prize	- -	\$10.00	Fourth Prize	- -	\$4.00
Second Prize	- -	6.00	Fifth Prize	- -	3.00
Third Prize	- -	5.00	Sixth Prize	- -	2.00

PRICE—Per pkt., 5c.; oz., 15c.; 2 oz., 25c.; $\frac{1}{2}$ lb., 40c.

COMPETITION CARDS FOR 1897, On which to make reports, ACCOMPANY
ALL ORDERS for each of the above.
(Note.—No report can be accepted unless it is made out on our "1897" Card.)

ALL REPORTS, INCLUDING WEIGHTS OF PUMPKIN, CABBAGE and CARROT,
MUST BE SENT IN BY OCTOBER 15th, 1897.

PRIZES AWARDED. From the reports received the probable winners will be re-
quested to send their specimens to us, upon receipt of which
the prizes will be awarded, and the cash will be forwarded to the successful competitors.

SPECIAL NOTICE. TO SAVE unnecessary expense, we would state that competi-
tors need not send specimens, only report on Competition
Cards by mail not later than October 15th, 1897. We will then notify competitors, and
Winning Specimens only need be sent.

❀ List of Prize Winners for 1896 ❀

❀ ❀ PRIZE POTATO COMPETITION ❀ ❀

First Prize, \$10.00 ; Second Prize, \$8.00 ; Third Prize, \$6.00 ; Fourth Prize, \$4.00 ; Fifth, Sixth, Seventh, Eighth, Ninth and Tenth Prizes, \$2.00 each.

JUDGED BY ALDERMAN HY. FRANKLAND, TORONTO.

		<i>Weight.</i>
1st Prize.....	Bro. Jerome, Fort William, Ont.....	17½ Pounds.
2nd ".....	Hy. Scott, Melville Cross, Ont.....	17½ "
3rd ".....	B. F. Closson, Highland Creek, Ont.....	14½ "
4th ".....	D. J. Grant, Moose Creek, Ont.....	15 "
5th ".....	Ed. Hartwell, Trenton, Ont.....	14 "
6th ".....	Wm. Naismith, Falkenburg, Ont.....	14 "
7th ".....	Wm. Sword, Beatrice, Ont.....	13½ "
8th ".....	Wm. McLelland, Goulais Bay, Ont.....	13½ "
9th ".....	Thos. M. Walker, Ingersoll, Ont.....	13 "
10th ".....	Geo. Ward, Caledon East, Ont.....	13 "

❀❀❀ PRIZE TURNIP COMPETITION ❀❀❀

JUDGED BY ALDERMAN HY. FRANKLAND, TORONTO.

1st Prize.....	F. Comfort, Otterville, Ont.....	59½ Pounds.
2nd ".....	Wm. Naismith, Falkenburg, Ont.....	58½ "
3rd ".....	W. E. Stock, Waterdown, Ont.....	42 "
4th ".....	Wm. Hope, Shrigley, Ont.....	39 "
5th ".....	Geo. Aberdeen, Sault Ste. Marie, Ont.....	41 "
6th ".....	Hezekiah Harp, Bracebridge, Ont.....	38 "
7th ".....	Ed. Hartwell, Trenton, Ont.....	42 "
8th ".....	Donald J. Grant, Moose Creek, Ont.....	41 "
9th ".....	Wm. Rynard, Zephyr, Ont.....	33½ "
10th ".....	Wilson Arnott, Trenton, Ont.....	38 "

❀❀❀ TESTIMONIALS ❀❀❀

March 20th, 1896.

I have dealt with you for a great many years. I have found your Seeds good.

JAMES SCOTT, Chesley, Ont.

March 14th, 1896.

I received the other day the parcel of Seeds all correct and extras, for which accept thanks.

Yours truly,

JAS. M. WATERS, Fernhill, Ont.

March 14th.

The Seeds arrived safely. I have to thank you for your generous treatment of me in the matter of extra packages. Your Seeds always give me satisfaction.

Yours faithfully,

JNO. R. C. HONEYMAN, Regina, Assa.

November 9th, 1895.

The Seeds I received from you last spring were the best I ever used ; from the peck of Siberian Oats I grew 300 pounds ; the Giant Short White Vosges Carrot are the largest Carrot ever grown around here. I never had anything like the Peas ; Simmers' First of All, and Juno ; the Onions are good, especially the Prize Taker, Cabbage very fine ; Beets, Eclipse good, Long Blood small. Your Seeds are better and more satisfactory than those I have got from other firms, and I think I have tried most of the seedsmen in Canada. Trusting I may receive your Catalogue next spring.

I remain, yours truly,

DE GOWAY ANDREWS,
West Bay, Co. Richmond, N.S.

March 23rd, 1896.

I sent to you for Seeds last year and had good luck so I thought I would send again this year. I raised 13 bushel of Corn from one pound of White Cap Yellow Dent that I got of you last year.

WM. DICKINSON, Clear Creek, Ont.

April 6th, 1896.

I wish to thank you for your prompt attention to my order. Thanking you also for extra Seeds which you sent. I will be pleased to receive the Begonias and other plants you mention as soon as it is convenient to you. I will recommend you to my friends for your promptness and liberality.

MRS. WESLEY WOODLEY, Boston, Ont.

May 7th, 1896.

The Seeds you sent my son at Lacome, Alberta, duly arrived safe and gave great satisfaction.

JAMES ALDRIDGE, Caledonia, Ont.

March 6th, 1896.

This is the ninth year we have got our Seeds from you, and they have always given satisfaction.

MRS. ANGUS CLARK, Midland, Ont.

April 5th, 1896.

I received the parcel of Seeds and Bulbs which were very satisfactory. Thank you for your promptness in sending them, and also for the many extras and trial packets.

MRS. DR. HAGERMAN, Lynedoch, Ont.

March 22nd, 1896.

The parcel of Seeds arrived safely and I am much obliged to you for sending the complimentary packages which I will be pleased to try and report on.

Yours truly,

C. A. E. SHAW, Victoria, B.C.

February 14th, 1896.

I found your Seeds very good last year and take much pleasure in sending for some this year.

MRS. WM. KNIGHT, Oxbow, Assa., N.W.T.

March 7th, 1896.

I have great pleasure in saying the Bulbs I received gave unbounded satisfaction. Have had abundance of bloom all the winter.

MRS. J. BOLDRICK, Stirling, Ont.

SIMMERS' CAULIFLOWER

CULTURE.—When grown to perfection this is a most delicious vegetable, and well repays generous treatment in cultivation. With a deep, rich soil and an abundance of moisture, which in dry seasons must be applied artificially, Cauliflowers can be grown well. Frequent and vigorous hoeing and a liberal supply of rich liquid manure, to keep up a continuous and rapid growth, will produce splendid heads of the most delicate flavor. It facilitates blanching if the leaves are gathered loosely together and tied over the top of the head. For sowing the seed, the same general directions as recommended for Cabbage will answer for this crop.



Simmers' Gilt Edge Cauliflower—The surest header, the most profitable, the best variety for either market or family gardens.

Late Italian or Autumn Giant—Attaining enormous dimensions; heads beautifully white, large, firm and compact, and being protected by the foliage, remain long fit for use. Per pkt 10c, ½ oz 35c, oz 60c, 2 oz \$1.00, ½ lb \$2.00.

Large Late Algiers—An excellent favorite late variety. In Cauliflower-growing districts enormous quantities of this variety are annually grown. Per pkt 10c, ½ oz 60c, oz \$1.00, 2 oz \$1.75, ½ lb \$3.00.

Cauliflower Seeds sold by us are of the most reliable stock obtainable, and confidently recommended to customers as genuine and true to name. No seed is more important than this, as every gardener knows. It is one of the seeds which, in buying, PRICE should never be questioned.

Curled Chervil

German—Kerbel. French—Cerfeuil.

CULTURE.—A very rich herb, similar in growth and flavor to Parsley, and should not be wanting in any kitchen garden. It is sown and treated like Parsley, the directions for sowing which are given under the head of Parsley.

Curled—Extra fine quality. Per pkt 5c, oz 15c, 2 oz 25c, ½ lb 40, lb \$1.25.

Chicory

German—Caffewurzel. French—Chicoree.

Culture same as Carrots.

Large Rooted Magdeburgh—Per pkt 5c, oz 10c, 2 oz 15, ½ lb 25c, lb 60c.

The Best Cauliflower

for all Growers.



Specimen of the famous Early Dwarf Erfurt Cauliflower (Simmers' Selected Private Strain.)

Ger.—Blumen Kohl. Fr.—Choufleur.

One ounce of seed will produce about 3,000 Plants. For Plants of Cauliflower, Cabbage, etc., see in Plant List.

Simmers' Gilt Edge—An experience of six years with this strain enables us to claim for it the distinction of being the very best and surest of all. We say positively that it is so without any exception. It is a surer header, either for early or late sowing, and can be left longer in the field without decaying than any other sort. It matures immediately after "Snowball," but is a heavier sort. Per pkt 25c, ½ oz \$2.25, oz \$4.00.

Early Demi-Dur, or Half Early Paris—Best for general crop, and sure to head, valuable for market gardeners [extra selected private strain of Seed]. Per pkt 10c, ½ oz 60c, oz \$1.00, 2 oz \$1.75, ½ lb \$3.00.

Extra Early Paris—Earliest, and sure to head, good for forcing. Per pkt 10c, ½ oz 60c, oz \$1, 2 oz \$1.75, ½ lb \$3.00.

Early Snowball—The earliest and most reliable in heading, of dwarf habit, with very short outer leaves, allowing it to be planted close together. Per pkt 25c, ½ oz \$1.50, oz \$2.75, 2 oz \$5.00, ½ lb \$9.00.

Simmers' Extra Selected Early Dwarf Erfurt—One of the earliest heading varieties in cultivation, small leaved for forcing or open ground; of low growth [extra superior quality of German seed]. Per pkt 25c, ½ oz \$1.50, oz \$2.75, 2 oz \$5.00, ½ lb \$9.00.

Early Dwarf Erfurt—A favorite early market variety; very productive, with large, compact, white heads, of good quality. Per pkt 20c, ½ oz \$1.25, oz \$2.00, 2 oz \$3.50, ½ lb \$6.50.

Early Large Erfurt Market—An early, large and very fine German variety; well suited for this climate. Per pkt 20c, ½ oz \$1.25, oz \$2.00, 2 oz \$3.50, ½ lb \$6.50.

New Succession—This variety is useful for a succession of crop, heading after **Demi-Dur**. Per pkt 10c, ½ oz 60c, oz \$1.00, 2 oz \$1.75, ½ lb \$3.00.

Late Large Le Normand—Short stemmed, produces very close and uniform head, well protected by the foliage, hardy and stands dry weather. Per pkt 10c, ½ oz 60c, oz \$1.00, 2 oz \$1.75, ½ lb \$3.00.



Le Normand Cauliflower



Endive—Moss Curled

Endive. Ger.—Endivien. Fr.—Chicoree.

CULTURE.—For early use sow thinly in May, in drills 1 foot apart, and for a succession, every 2 or 3 weeks until midsummer. A rather moist situation in the garden is preferable. To blanch the leaves gather them carefully together when perfectly dry and tie near the top with yarn, matting or a soft fibrous material, and draw up the earth around the plants.

Bread Leaved Imperial Batavian (Escarolle)—Is chiefly used in soups. Per pkt 5c, oz 30c, 2 oz 50c, ½ lb 75c, lb \$2.00.

Early Green, or French Moss Curled—Very tender, hardy, leaves dark green and crisp. Per pkt 5c, oz 30c, 2 oz 50c, ½ lb 75c, lb \$2.00.

Simmers' Celery

German—Selleri

French—Celeri



SPECIAL OFFER—One pkt. of each of the Four Varieties Illustrated Above for 20 cents
(FOR CELERY PLANTS SEE END OF VEGETABLE LIST).

One ounce will sow a bed of nine square yards, and produce about 2,500 plants.

Sow the last of March or early in April, in an open border, in rich, mellow ground, in shallow drills, watering freely in dry weather. By rolling or pressing in the seed, the result will be more satisfactory than when covered. Cut the tops off once or twice before planting out, to make them stocky. When the plants are 5 or 6 inches high transplant, the dwarf varieties 3 feet and the taller sorts 4 feet between the rows; plant 6 inches apart in the rows. Cultivate well, and when large enough blanch by earthing up. This first operation is that of "handling"; after the soil has been drawn up with the hoe, it is drawn closer around each plant by the hand, to keep the leaves firm in an upright position and prevent spreading. When the plants have become "set" in an upright position, and the celery is wanted for early use, they should be "banked." This is done by throwing the soil up as close to the plants as possible with a plough and finishing it with a spade, bringing the earth up nearly to the top of the plants. If it is intended to store away for winter use, the "handling" process is all that is necessary, as the blanching will be done in the trenches. To store for winter use, select well drained ground, dig trenches one foot wide and deep enough to cover the tops of the plants. Pack the stocks in this in an upright position, covering with boards to shed the water, and in severe weather protect with straw or leaves.

Paris Golden Yellow Dwarf or Self-Blanching Large
Solid—The heart is of a beautiful golden yellow color, very large, crisp and solid, keeping well all winter. It is entirely self-blanching without any covering whatever. No variety can surpass, if indeed equal, the Paris Golden Yellow in striking appearance and delicious flavor. Per pkt 10c, oz 60c, 2 oz \$1.00, ½ lb \$1.75, lb \$6.00.

Simmers' Special Winter Dwarf White, solid, crisp, of excellent flavor, one of the best white varieties. The past season has again proved this celery to be the best adapted for the home or market on account of its dwarf habit and walnut flavor and keeping well until spring. Per pkt 10c, oz 60c, 2 oz \$1.00, ½ lb \$1.50.

Simmers' Large Ribbed Dwarf White—The most perfect type of Dwarf White Celery known. It is perfectly distinct, and is of a beautiful cream-white color; attains a very large size; is of quick growth; stiff, close habit, the outer ribs standing straight and perfect; a very solid, crisp-eating and delicious variety, keeping well until spring. Per pkt 5c, oz 30c, 2 oz 55c, ½ lb \$1.00, lb \$3.00.

White Plume—Leaves somewhat like an ostrich feather, requires no banking up to blanch; highly recommended to all who wish to procure a first-class celery for early use. Per pkt 5c, oz 30c, 2 oz 55c, ½ lb \$1.00, lb \$3.00.

Henderson's "Pink Plume" Celery—Is a strong, healthy compact grower, with no tendency to rust; stems very solid and crisp, extra early and a long keeper, remaining when properly trenched in perfect condition away into the spring. It is a self-blanching variety in the same sense that the "White Plume" and Golden Self-Blanching are; that is, it requires but a slight earthing-up or banking to prepare this variety for the table. Pkt 10c, 3 pkts 25c.

Giant Golden Hearted Dwarf—An excellent Dwarf White variety, with fine nutty flavor, growing to a large size, and keeping splendid all winter. Per pkt 5c, oz 20c, 2 oz 35c, ½ lb 60c, lb \$2.00.

Sandringham, or Prince of Wales Dwarf White—An excellent dwarf-growing, very solid and crisp variety; obtained direct from the grower, therefore true. Per pkt 5c, oz 20c, 2 oz 35c, ½ lb 60c, lb \$2.00.

Parson's Russian Princess—An English variety, obtained direct from the raiser, of very compact habit, crisp and of a beautiful nutty flavor. Per pkt 5c, oz 20c, 2 oz 35c, ½ lb 60c, lb \$2.00.

Ivery's Nonsuch—A fine dwarf early red variety, remarkably solid and crisp, and of a fine walnut flavor. Per pkt 5c, oz 20c, 2 oz 35c, ½ lb 60c, lb \$2.00.

Giant Pascal—It is of a fine nutty flavor, being entirely free from any bitter taste. It grows about 2 feet high; the stalks are very broad, thick and crisp, and entirely stringless; the width and thickness of the stalks are distinctive features of this variety: it bleaches with but slight "earthing up," very quickly, usually in five or six days. Per pkt 5c, oz 20c, 2 oz 35c, ½ lb 60c, lb \$2.00.

New Rose—Without doubt the finest of its class. The color is a beautiful shade of rose of exceptionally fine flavor, solid, crisp, and entirely free from stringiness. A splendid variety of late use, keeping well. Per pkt 5c, oz 30c, 2 oz 55c, ½ lb \$1.00, lb \$3.50.

Seymour's White Giant—A good, very large variety, clear white, solid and crisp. Per pkt 5c, oz 20c, 2 oz 35c, ½ lb 60c, lb \$2.00.

White Solid—Good for general crop, fine nutty flavor, entirely free from hollow stems. Per pkt 5c, oz 20c, 2 oz 35c, ½ lb 60c, lb \$2.00.

Carter's Incomparable Dwarf Crimson—Keeps well, and is of a fine nutty flavor. Per pkt 5c, oz 30c, 2 oz 55c, ½ lb \$1.00, lb \$3.00.

Turner's Incomparable—Per pkt 5c, oz 20c, 2 oz 35c, ½ lb 60c, lb \$2.00.

Erfurt Giant, Turnip-Rooted, or Celeriac—Best variety grown, very good flavor. Per pkt 5c, oz 20c, 2 oz 35c, ½ lb 60c, lb \$2.00.

Soup, or Flavoring Celery—Per oz 5c, ½ lb 15, lb 40c.



Simmers' Special Winter Dwarf White Celery, the best in cultivation for market gardeners and private gardens.

May 4th, 1896.—All the seeds have arrived safely and have given good satisfaction. Thanking you for your promptness in sending as desired. We shall always be pleased to entrust any orders we may secure in your hands. E. & H. E. BROADBENT, Broadbent, Ont.

Buy the latest book on growing Celery:—
"CELERY FOR PROFIT."
By T. GREINER.
Price 30c.

SIMMMERS'

SWEET CORN FOR TABLE USE

One pound will plant about 100 hills; one peck, one acre in hills.

CULTURE.—The Sweet or Sugar varieties being liable to rot in cold or wet grounds should not be planted before May, or until the ground has become warm; for a succession continue to plant every two weeks, until the middle of July, in rich, well manured ground, in hills three feet apart each way, covering about half an inch, and thin out to three plants to a hill. The extra early varieties can be planted 18 inches in the row and 2½ feet between the rows. The field varieties should be planted 4 feet apart each way, leaving three plants to a hill.

N. B.—When ordered in the ear by mail, we shell it for convenience in packing. Special quotations given to canners and others requiring corn in quantity. SINGLE EARS OF ANY VARIETY, 5c. EACH.

EARLY VARIETIES

SIMMMERS' FIRST OF ALL—Earliest of all, ready three days to a week earlier than Cory, in habit of growth it is more dwarf but of superior quality, very sweet and tender, a large number of the ears have 10 to 12 rows, while the Cory generally has 8 rows. Per pkt 5c, lb or pt 15c, qt 25c, 5 lbs 40c, 12 lbs \$1.40.

Nonsuch Sugar—No lover of delicious Sugar Corn can afford to miss it. Sure to please the most exacting customer. Medium early, wonderfully productive, but above all, of the finest flavor. Per pkt 5c, pt 10c, qt 20c, 5 lbs 40c, 12 lbs 75c.

Early Cory—An excellent sort, very sweet and of rich flavor; desirable for private or market gardens, as it adds to its good qualities that of being extra early. Per pkt 5c, lb 10c, qt 20c, 5 lbs 40c, 12 lbs 75c.

Early White Cory—A selection of the Cory, of the same character in all respects, except that it has a white cob and kernels. Very early and a good variety. Per pkt 5c, pt 10c, qt 20c, 5 lbs 40c, 12 lbs 75c.

Early Minnesota—One of the best early varieties, dwarf habit and good quality. Per pkt 5c, lb or pt 10c, qt 20c, 5 lbs 40c, 12 lbs 60c.

Early Crosby Sweet—One of the largest early varieties, rich sugary flavor, very productive. Per pkt 5c, lb or pt 10c, qt 25c, 5 lbs 40c, 12 lbs 75c.

Black Mexican Sweet—A black grained variety, sweet and tender. Must be picked young to avoid blackening when cooked. Pkt 5c, lb or pt 10c, qt 20c, 5 lbs 40c, 12 lbs 75c.

Marblehead, Extra Early Sugar—Two weeks earlier than any variety [except Cory], very sweet, and splendid for market gardeners and private gardens. Per pkt 5c, lb or pt 10c, qt 20c, 5 lbs 40c, 12 lbs 75c.

MEDIUM EARLY VARIETIES

IMPROVED NE PLUS ULTRA (Country Gentleman)—The sweetest and most tender of all Sweet Corns. This is not only true, but in addition to this the Country Gentleman is one of the most productive sorts, the stalks averaging three ears, sometimes as many as five, kernels and cobs are pure white; cob small, kernels deep; ears average 12 inches in length. Pkt 5c, pt or lb 10c, qt 20c, 5 lbs 40c, 12 lbs 75c.

Perry's Hybrid Sugar—A most desirable variety of Sugar Corn, second early, with large ears, white, deliciously sweet and tender. Our stock for 1897 is selected. Per pkt 5c, lb or pt 10c, qt 20c, 5 lbs 40c, 12 lbs 75c.

Triumph—Said to be the earliest of the large varieties, flavor rich and sweet, largely grown as a market sort. Per pkt 5c, pt 10c, qt 20c, 5 lbs 40c, 12 lbs 75c.

Honey Sweet—Nothing we have ever presented has elicited from both market and family gardeners such enthusiastic praise in all parts of the country. It is a most productive variety, bearing three to four good large ears on a stock, growing vigorously, and coming in as early as Moore's Concord. No market or private garden is complete without it. Per pkt 5c, pt 10c, qt 20c, 5 lbs 40c, 12 lbs 75c.

Moore's Early Concord Sweet—One of the largest early varieties. Per pkt 5c, lb or pt 10c, qt 20c, 5 lbs 40c, 12 lbs 75c.

Ne Plus Ultra—This very excellent and distinct variety is one of the sweetest and choicest sorts grown. Per pkt 5c, pt 10c, qt 20c, 5 lbs 40c, 10 lbs 75c.

LATE VARIETIES

Gold Coin—Remarkably distinct and handsome. It is very productive, yielding two mammoth ears to the stalk. The cob is snowy white, covered with large yellow grains. Per pkt 5c, lb 10c, qt 20c, 5 lbs 40c, 12 lbs 75c.

STOWELL'S EVERGREEN, Sweet or Sugar—Large ears, ripening late, and most delicious. Per pkt 5c, lb or pt 10c, qt 20c, 5 lbs 40c, 12 lbs 75c.

Egyptian Sweet, or Washington Market—A fine large variety, somewhat resembling the Evergreen, flavor particularly rich and sweet, and of superior quality. Per pkt 5c, lb or pt 10c, qt 20c, 5 lbs 40c, 12 lbs 75c.

The Mammoth Sweet—An excellent variety, producing unusually large and perfect ears. Per pkt 5c, lb or pt 10c, qt 20c, 5 lbs 40c, 12 lbs 75c.

Tuscarora White—This is a late variety with large ears and flour white kernels. Per pkt 5c, lb or pt 10c, qt 20c, 5 lbs 40c, 12 lbs 75c.

OUR SUGAR CORN is of the very finest quality, each variety being carefully kept, pure and well cured.

The Corns illustrated are the standard varieties with most experienced growers.

POP CORN

Pearl—Smooth-grained ears. Per pkt 5c, lb or pt 10c, qt 20c, 5 lbs 40, 12 lbs 75c.

White Rice—A very early, fine, white variety, kernel-pointed. Per pkt 5c, lb 10c, qt 20c, 5 lbs 40c, 12 lbs 75c.

Collards

French, Chou. German, Blätter-Kohl.

A variety of cabbage, known in different sections as "Cole" and "Colewort," used for greens.

Georgia, Southern or Creole—This variety forms large, loose, open head, or a mass of leaves on a tall stem. Freezing improves their quality. Sow thick in drills, in rich ground, transplanting when four inches high, or sow in drills where the plants are to remain, and thin to two or three feet apart in the row, when the proper size. Pkt 5c, oz 20c, 2 oz 30c, ½ lb 60c, 1 lb \$2.00.

Egg Plant

One ounce will produce 1000 plants.

CULTURE—Sow in a hot-bed for early crops, or very early in the spring in shallow drills in a warm, sheltered, dry situation, in the open ground, and protect by hand glasses. Transplant when warm weather sets in into well-enriched ground, 12 in. apart and 20 in. from row to row; the fruit, when ripe is sliced well spiced and fried with ham; very savory, and much esteemed.

"The Pearl" New

White—For description see novelties. Per pkt 10c, 3 for 25c, per oz 60c.

The New York Improved Large Purple—

Very choice, round of deep color and large fruit. This is the leading market variety; plant robust, leaves and stems thickly set with spines. Pkt 10c, oz 60c.

Long Purple—Good for general use, very hardy, early and productive. Pkt 5c, oz 50c.

Long White—Very fine, highly ornamental. Pkt 10c, oz 75c.

Early Purple Dwarf—About 3 to 5 weeks earlier than any other variety. Pkt 10c, oz 50c.



Egg Plant, New York Improved.



Simmers' Improved Long Green

Simmers' Improved Long Green—The best for general crop, fine long fruit, firm and crisp. Pkt 5c, oz 10c, 2 oz 15c, $\frac{1}{4}$ lb 25c, lb 75c.

Improved Early White Spine—Very desirable for general crop, and largely used by market gardeners. Per pkt 5c, oz 10c, 2 oz 15c, $\frac{1}{4}$ lb 25c, lb 75c.

Early Cluster—A short prickly variety, bearing in clusters and very prolific. Per pkt 5c, oz 10c, 2 oz 15c, $\frac{1}{4}$ lb 25c, lb 75c.

Early Frame—An old and popular variety of medium size, straight and handsome. Per pkt 5c, oz 10c, 2 oz 15c, $\frac{1}{4}$ lb 25c, lb 75c.

Westerfield's Chicago Pickling—A variety which is almost exclusively used by the largest pickling houses in Chicago for their celebrated pickles. It is exceedingly prolific, bearing small well formed fruit, covered with spines and of an unusual deep green. Per pkt 5c, oz 10c, 2 oz 15c, $\frac{1}{4}$ lb 25c, lb 75c.

Siberian—This has proved to be the earliest sort in cultivation, producing cucumbers 5 inches long in about 8 weeks. It is very productive and valuable for forcing. Pkt 5c, oz 10c, 2 oz 15c, $\frac{1}{4}$ lb 30c, lb \$1.00.

Boston Pickling—One of the best for pickling, uniform size. Per pkt 5c, oz 10c, 2 oz 15c, $\frac{1}{4}$ lb 25c, lb 75c.

Early Russian, or Moromian Gherkin—Producing fruit three to four inches long, in great abundance and in a very short time; superior to any other, flavor good. Per pkt 5c, oz 10c, 2 oz 15c, $\frac{1}{4}$ lb 60c, lb \$2.00.

The Pride of Canada—For forcing and outdoor culture, fine flavored fruit, of snow white texture, great length, containing but few seeds. Per pkt 10c, oz 50c, $\frac{1}{4}$ lb \$1.50.

Giant Pera—A long, smooth, straight, dark green cucumber. 13 inches long. Flesh white, crisp, tender and free from all bitterness. Pkt 5c, oz 10c, 2 oz 15c, $\frac{1}{4}$ lb 25c, lb 75c.

Swan's Neck—Grows nearly 40 inches in length, outdoors or under glass, good flavor. Per pkt 10c, oz \$1.50.

West India Gherkin or Burr—Only for pickling. Pkt 5c, oz 30c, 2 oz 55c, $\frac{1}{4}$ lb \$1.00, lb \$3.00.

The Model—A very choice variety of recent introduction, producing handsome cucumbers of wonderful size. Per pkt 20c, $\frac{1}{2}$ oz \$3.00.

Prince of Wales—Smooth, fine bearer and proved to be the best for forcing. Per pkt 25c, $\frac{1}{2}$ oz \$3.00.

CUCUMBER

Our Cucumber Seed is Carefully Selected Stock Seed, pure and true to Name. One Ounce will Plant 60 Hills; Two Pounds will Plant One Acre.

GERMAN—GURKEN. FRENCH—CONCOMBER.

FOR OPEN AIR CULTURE.—For early use sow as early as possible, in hot beds, one hill with three plants in each sash. For the open ground sow in May in hills four or five feet apart each way, on very rich ground. Dig out four or five spadefuls of earth on the spot where you intend to plant the seed, and fill in some half rotten manure, which cover up some three or four inches high with some of the earth dug out. Three or four plants should be allowed to each hill. As the seed is apt to rot if the weather after sowing it turns wet and chilly, it is advisable to sprout the seed before sowing it, in a small bowl, mixed with moistened sawdust, and placed under a stove for a few days; it is necessary to keep the sawdust continually moist.

Paris Pickling—The best of all in quality for pickling. The young cucumbers, when of the proper age for pickling, are slim and slender, from 3 to 5 inches in length. Its unique appearance will make it of great value in the manufacture of chow chow and other mixed pickles. When ready for pickling they show absolutely no sign of seeds, and are of an unusually dark green color. Pkt 5c, oz 25c, 2 oz 40c, $\frac{1}{4}$ lb 75c, lb \$2.50.

"Cool and Crisp"—While primarily a pickling variety, it is also most useful for slicing, the cucumbers when fully matured being of good size and exceedingly tender and crisp. Per pkt 5c, oz 10c, 2 oz 20c, $\frac{1}{4}$ lb 30c, lb \$1.00.

Japanese Climbing—While all cucumbers are running vines, yet this variety is much more creeping or climbing in its habit, so much so that it quickly climbs on poles or trellises. The quality is splendid and well adapted for pickling as well as for slicing. A cucumber which can be trained on a pole or on a fence is an advantage apparent to all. Pkt 10c, oz 25c, $\frac{1}{4}$ lb 60c, lb \$2.00.

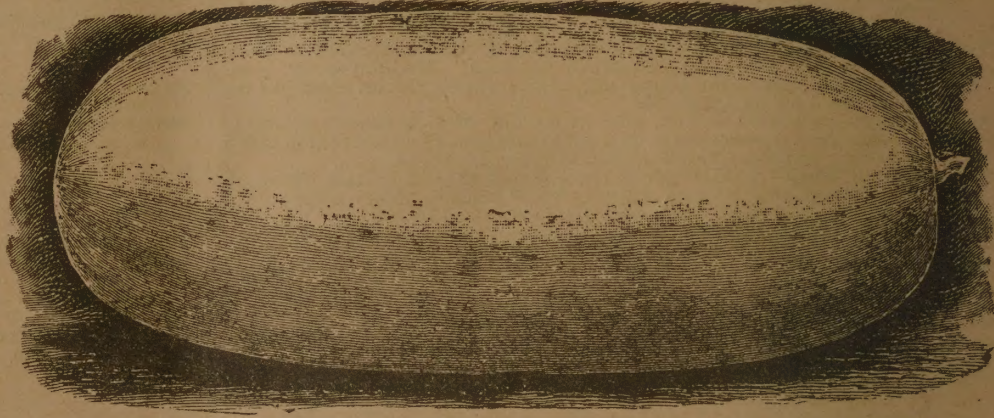
White Wonder—The cucumbers are thickly set throughout the length of the vine and are uniform in color, shape, and size; they average about eight inches long by two to two and a half inches through; the skin is thin, while the pearly white flesh is exquisitely fine in quality, quite brittle, and remains solid for a long time. Owing to unusual hardness, the White Wonder can be planted earlier than most Cucumbers, and is also a sure cropper. Pkt 5c, oz 15c, 2 oz 25c, $\frac{1}{4}$ lb 35c, lb \$1.00.

Livingston's Evergreen—The Evergreen is very hardy and evergreen, withstanding drought and bearing until frost. A very strong grower, but extra early, and the best in flavor, bearing firm, crisp fruits, either for pickling or slicing. Per pkt 5c, oz 15c, 2 oz 25c, $\frac{1}{4}$ lb 40c, lb \$1.25.

Green Prolific—Most suitable for pickling, of uniform size, yields 200,000 per acre. Per pkt 5c, oz 10c, 2 oz 15c, $\frac{1}{4}$ lb 25c, lb 75c.

Short Prickly—Very prolific and short. Pkt. 5c, oz 10c, 2 oz 15c, $\frac{1}{4}$ lb 25c, lb 75c.

Nichol's Medium Green—As a pickle for early forcing purposes or for slicing there is no better variety. It is exceedingly productive, of medium size, always straight and smooth. The color is dark green, the flesh tender and crisp. Per pkt 5c, oz 10c, 2 oz 15c, $\frac{1}{4}$ lb 25c, lb 75c.



White Wonder Cucumber

CHOICE ENGLISH SORTS FOR HOT-BEDS OR GREEN-HOUSE

Blue Gown—A very fine black spined variety, 18 to 24 inches long, smooth. Per pkt 20c, $\frac{1}{2}$ oz \$3.00.

Marguis of Lorne—A highly esteemed variety, of handsome form and fine flavor, 24 to 30 inches long. Per pkt 20c, $\frac{1}{2}$ oz \$3.00.

Rollison's Telegraph—Very prolific, early, crisp and of superior quality. Per pkt 25c, $\frac{1}{2}$ oz \$3.00.

Sion House—A variety of extra length and fine flavor, preferred to any other. Pkt 20c, $\frac{1}{2}$ oz \$3.00.

Mixture—Of the foregoing English sorts, highly recommended for forcing or outdoors. Pkt 10c, $\frac{1}{2}$ oz \$2.50.

GARLIC

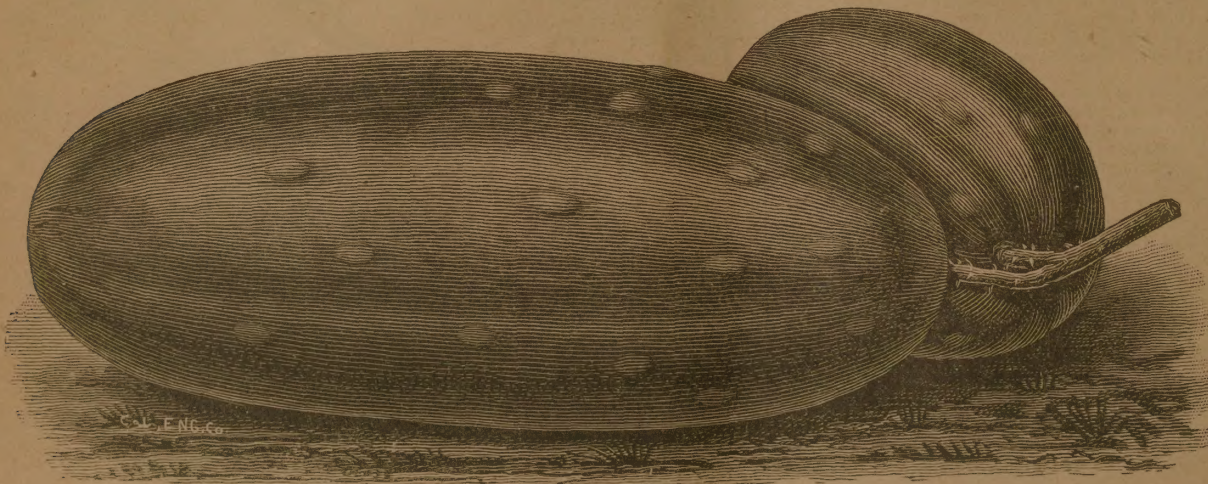
German Knoblauch.

French Ail.

Used for flavoring soups, stews, and other dishes. Garlic thrives best in a light, well-enriched soil; the sets should be planted in early spring, in rows 1 foot apart and from 1 to 5 inches between the plants in the rows. **Garlic Sets**, per oz 5c, lb 20c. (Special rates for 5 lb lots.)

Horse Radish Roots

Roots (good, strong ones) ready for sale at any time. 15c each, \$1.50 dozen.



Improved Early White Spine Cucumber

LETTUCE

German—Lattich Salat. French—Laitue.

One ounce will sow 100 feet of Drill.

CULTURE.—Lettuce requires a good soil in order to obtain the crispness, juiciness and delicate flavor for which they are so much esteemed. Several sowings are requisite during the season. The first may be obtained in a hot bed in February. A sowing may be made in the open ground as soon as it can be worked; after this every two weeks until July, if a constant succession is required. Sow thinly, in drills or broadcast, quarter of an inch deep, and transplant a foot apart into the richest soil. Hoe frequently, and in dry weather water plentifully.

SIMMERS' NONPAREIL CABBAGE—Is crisp, tender, and of excellent flavor, and entirely free from bitterness; it is also unusual for size and solidity of head; stands the entire summer heat well. Per pkt 5c, oz 15c, 2 oz 30c, $\frac{1}{4}$ lb 50c, lb \$1.50.

The Gardener's Favorite—One of the best heading varieties, suitable either for forcing or outdoor cultivation; heads large and solid. Per pkt 5c, 15oz c, 2 oz 30c, $\frac{1}{4}$ lb 50c, lb \$1.50.

TORONTO MARKET—A variety of local origin; heads large, very solid and good flavored; color yellowish-green and suitable for forcing and open air cultivation. Per pkt 5c, oz 15c, 2 oz 30c, $\frac{1}{4}$ lb 50c, lb \$1.50.

Grand Rapids—This grand variety has been raised in this vicinity for a number of years; it is of handsome appearance, a strong grower, very crisp and tender, and not apt to rot, and will keep from wilting longer than any other. Per pkt 5c, oz 15c, 2 oz 25c, $\frac{1}{4}$ lb 40c, lb \$1.25.

HANSON—Producing heads of a remarkable size, tender and crisp, beautiful green with out and white within, heads sometimes



Grand Rapids Lettuce

weighing 2½ to 3 pounds. Per pkt 5c, oz 15c, 2 oz 25c, $\frac{1}{4}$ lb 40c, lb \$1.25.

Green Fringed, or California Curled—An early variety of a delicate and peculiar shade of green, the inner part of the leaves white, with edges peculiarly cut and fringed. Per pkt 5c, oz 15c, 2 oz 25c, $\frac{1}{4}$ lb 40c, lb \$1.25.

GREEN CURLED SILESIAN—A very ornamental and most beautiful variety, of a very delicate shade of green, with the inner part of the leaves white; the edges are beautifully cut and fringed. The leaves are not only tender and of good quality, but also highly ornamental on the table. Per pkt 5c, oz 20c, 2 oz 30c, $\frac{1}{4}$ lb 50c, lb \$1.50.

Simpson's Early Curled Cabbage—The largest early market kind [suitable for forcing]. Per pkt 5c, oz 20c, 2 oz 30c, $\frac{1}{4}$ lb 50c, lb \$1.50.

BIG BOSTON—This variety is identical in color, shape and general appearance with the famous Hanson Cabbage Lettuce, but is double the size. It is but one week later in maturing, but its solidity and greater size of head will make it a most desirable variety either for forcing in cold frames or open ground planting. The "Big Boston" is sure to be wanted by market gardeners and truckers, because it always produces large solid salable heads, and it will commend itself to amateurs because it heads up well at all seasons of the year and is of crisp, tender quality [see cut.] Pkt 10c, oz 40c, 2 oz 60c, $\frac{1}{4}$ lb \$1.00 lb \$3.50.

Tennis Ball—One of the earliest, solid heads, crisp and fine flavored. Per pkt 5c, oz 15c, 2 oz 30c, $\frac{1}{4}$ lb 50c, lb \$1.50.



Big Boston Lettuce



Simmers' Nonpareil Cabbage Lettuce

New Cos Celery Lettuce—Trianon Self-closing—This is the favorite class of Lettuce in Europe, and this variety is the very finest of its class. The long narrow leaves which form solid heads, almost like a Wakefield Cabbage, bleach and quickly become snowy white. They excel all other Lettuce in quality, having a taste and crispness unequalled. The leaves when bleached are stiff like celery stalks and can be eaten in the same manner. Per pkt 5c, oz 20c, 2 oz 35c, $\frac{1}{4}$ lb 60c, lb \$2.00.

Paris Green Cos—Hardy and tender, one of the best of the Cos varieties. Per pkt 5c, oz 20c, 2 oz 35c, $\frac{1}{4}$ lb 60c, lb \$2.00.

Paris White Cos—Tender and crisp, should be tied up to ensure blanching. Per pkt 5c, oz 20c, 2 oz 35c, $\frac{1}{4}$ lb 60c, lb \$2.00.

Denver Market—An early variety of Head Lettuce, either for forcing or open ground. It forms large solid heads of a good light green color, and is very slow to go to seed. The leaves are beautifully marked and blistered [like the Savoy Cabbage], and very crisp and tender and of excellent flavor. Per pkt 5c, oz 20c, 2 oz 35c, $\frac{1}{4}$ lb 60c, lb \$2.00.

Imperial Cabbage—Stands heat well, and forms a large solid head. Per pkt 5c, oz 20c, 2 oz 30c, $\frac{1}{4}$ lb 50c, lb \$1.25.

Drumhead or Maltese Cabbage—Best for general crop, head large, crisp and tender, one of the best summer varieties. Per pkt 5c, oz 15c, 2 oz 25c, $\frac{1}{4}$ lb 40c, lb \$1.25.

Victoria Red-edged Cabbage—Much esteemed, crisp and tender, fine solid heads. Per pkt 5c, oz 15c, 2 oz 30c, $\frac{1}{4}$ lb 50c, lb \$1.50.

Silverball Cabbage—This Lettuce produces a beautiful head, very firm, solid and compact, with handsomely curled leaves. The head is of an attractive silvery-white color, very rich, buttery, and of most delicious flavor. It comes early and stands a long while before running to seed. An excellent variety both for early spring and summer use. Per pkt 5c, oz 20c, 2 oz 35c, $\frac{1}{4}$ lb 60c, lb \$2.

Longstander Bronze Head—From the reports of many growers we feel fully justified in claiming this to be the largest, handsomest, most tender and compact in head and longest standing of any known lettuce; with beautiful golden-bronze color. Per pkt 5c, oz 20c, 2 oz 35c, $\frac{1}{4}$ lb 60c, lb \$2.

Oak-leaved—A peculiar variety on account of its leaves, but very fine for salad, heads are compact, crisp and tender; it is free from that bitter taste peculiar to so many kinds of Lettuce. Per pkt 5c, oz 20c, 2 oz 35c, $\frac{1}{4}$ lb 60c, lb \$2.

Simmers' Nonpareil Cabbage Lettuce is the best variety to grow

KOHL RABI

German—Kohl-Rabi. French—Chow-rabe.

A vegetable intermediate between the Cabbage and the Turnip. It is best cultivated by sowing the seeds in rows in May, June and July, according to latitude. In this district we sow through June for succession, in rows 18 inches apart, thinning out to 8 inches between the plants. It is rather difficult to transplant and it is generally preferable to sow the whole crop from seed and thin out where it stands, although when the weather is favorable the thinnings may be planted at the distances above mentioned.

Early White Vienna—A flesh white and tender, best market sort, excellent for table use. Per pkt 5c, oz 20c, 2 oz 35c, $\frac{1}{4}$ lb 60c, lb \$2.00.

Early Purple Vienna—Similar to the preceding except in color. Per pkt 5c, oz 20c, 2 oz 35c, $\frac{1}{4}$ lb 60c, lb \$2.00.

LEEK

German—Lauch. French—Poireau.

One ounce will sow a Drill of about 100 feet

CULTURE.—The Leek is very hardy and easily cultivated; it succeeds best in light but well enriched soil. Sow as early in spring as practicable, in drills one inch deep and one foot apart. When six or eight inches high they may be transplanted in rows ten inches apart each way, as deep as possible, that the neck, being covered, may be blanched. If fine leeks are desired the ground can hardly be made too rich.

Large Scotch or Broad Leaved Flag. Per pkt 5c, oz 15c, 2 oz 25c, $\frac{1}{4}$ lb 40c, lb \$1.50

Large Musselburgh. Per pkt 5c, oz 20c, 2 oz 35c, $\frac{1}{4}$ lb 60c, lb \$2.

Please take this Catalogue with you when you go by a neighbor's next time. Show it to him and ask him to club with you in sending your order.



Leek

Simmers' Muskmelons

German—Melonen. French—Melon. One ounce will plant about 80 hills.

CULTURE.—Melons thrive best in a light, rich soil. Plant early in May, when the ground has become warm and dry, in hills 6 feet apart each way for Muskmelons, 8 feet for Water-melons. Previous to sowing the seed, mix a few shovelfuls of well-rotted manure in each hill, and plant in each 12 to 15 seeds; after all danger of bugs is over thin out to 3 plants per hill. When about 1 foot long pinch off the tips to make them branch, as it strengthens the growth of the vines, and makes the fruit mature earlier. Be careful not to plant pumpkins or squashes near them, as they will hybridize. A few hills, for early use, may be had by sowing on pieces of sod in a hot-bed, and when warm enough transplant to open ground.

SIMMERS' DOMINION GREEN FLESH MUSK.—The fruit is nearly round, flattened at the ends, deeply and very regularly ribbed; skin green, densely netted; flesh remarkably thick, light green, melting and of a delicious flavor. They are very regular in shape, and uniformly grow to a large size. To all who raise to grow the handsomest possible melons for exhibition, or extra large fine melons for market, we highly recommend the *Dominion Green Flesh Musk*. Per pkt 10c, oz 50c, 2 oz 75c, $\frac{1}{4}$ lb \$1.00, lb \$4.00.

"PERFECTED DELMONICO"—The Melons average about 6 inches in diameter, have a very small seed cavity, and are exceedingly thick and heavy for their size. The flesh is a deep rich orange-yellow color, and of very fine grain, without the slightest stringiness. A strong, hardy grower and very prolific. [See illustration.] Pkt 5c, oz 20c, 2 oz 35c, $\frac{1}{4}$ lb 60c, lb \$2.00.

"The Newport" Musk.—One of the largest market gardeners has for years grown a Musk Melon that in general appearance did not differ from the Hackensack except that it was a little smaller. All that he could raise of this variety has been taken at high prices by the most select hotels. The *Newport Melon*, while small, is very deep fleshed, and of a dark green color. The "Newport" stands in the same relation to the green-fleshed melons that the "Banquet" does to the red-fleshed, in every respect the best. Per pkt 10c, oz 20c, $\frac{1}{4}$ lb 40c, lb \$1.50.

The Princess Muskmelon.—Nearly round in shape, heavily netted, dark green skin. The flesh is of a rich salmon color, thicker than in any other melon, and in flavor is sweet and luscious beyond description. They ripen early and grow to a good size, frequently weighing from 8 to 10 lbs each; vines grow vigorously and are very productive, often producing 6 to 8 perfect melons on a single vine. Per pkt 5c, oz 15c, 2 oz 20c, $\frac{1}{4}$ lb 30c, lb \$1.00.

The Banquet.—A new medium sized melon, very flat at both ends, and more beautifully netted than any other variety. In quality it is unequalled; the flesh uniformly deep, color dark rich salmon. It is undoubtedly one of the most beautiful and luscious melons. Per pkt 5c, oz 15c, 2 oz 25c, $\frac{1}{4}$ lb 40c, lb \$1.50.

Emerald Gem.—This variety is of rich, delicious flavor and fine quality. Distinct, very early and prolific; skin ribbed, yet smooth, and of a deep emerald green, with a few lighter-colored stripes. The flesh is thick, of a suffused salmon color. Specially recommended to those who wish a high-flavored fruit. Per pkt 5c, oz 15c, 2 oz 20c, $\frac{1}{4}$ lb 30c, lb \$1.00.

Montreal Green Nutmeg.—A beautiful, round, netted, deep ribbed variety, luscious and sweet, ripening freely under ordinary care, and fruit of enormous size, sometimes weighing from 30 to 40 lbs. Per pkt 5c, oz 15c, 2 oz 25c, $\frac{1}{4}$ lb 40c, lb \$1.50.

Delmonico.—An oval-shaped melon of large size, finely netted; flesh beautiful orange-pink. It is one of the most delicious flavored Muskmelons ever introduced. Per pkt 5c, oz 15c, 2 oz 25c, $\frac{1}{4}$ lb 40c, lb \$1.50.

Early Hackensack.—A variety of the Green Muskmelon, grows to a large size, very productive and of exquisite flavor. Per pkt 5c, oz 15c, 2 oz 20c, $\frac{1}{4}$ lb 30c, lb \$1.00.

The Bay View.—A large, prolific and fine flavored green fleshed melon; with ordinary cultivation this variety has produced melons weighing from 10 to 15 lbs. Per pkt 5c, oz 15c, 2 oz 20c, $\frac{1}{4}$ lb 30c, lb \$1.00.

Green Nutmeg.—Green flesh, fine flavor, rich and sugary. Per pkt 5c, oz 15c, 2 oz 20c, $\frac{1}{4}$ lb 30c, lb \$1.00.

Improved Christiana.—The earliest Muskmelon known, green flesh, netted and exquisite flavor. Per pkt 5c, oz 15c, 2 oz 20c, $\frac{1}{4}$ lb 30c, lb \$1.00.

Persian or Casawba.—Oblong, netted, green flesh, early, delicious flavor, recommended for garden. Per pkt 5c, oz 15c, 2 oz 20c, $\frac{1}{4}$ lb 30c, lb \$1.00.

Skillman's Fine Netted.—The best early kind, green flesh and luscious flavor. Per pkt 5c, oz 15c, 2 oz 20c, $\frac{1}{4}$ lb 30c, lb \$1.00.

Miller Cream or Osage.—A remarkably good variety, of large size and delicious flavor,



Perfected Delmonico Musk Melon



Emerald Gem Musk Melon

flesh rich salmon, very thick and solid. Per pkt 5c, oz 15c, 2 oz 25c, $\frac{1}{4}$ lb 40c, lb \$1.50.

Early Yellow Cantaloupe.—Very fine flavor, flesh reddish orange, an early and productive variety. Per pkt 5c, oz 15c, 2 oz 20c, $\frac{1}{4}$ lb 30c, lb \$1.00.

Oblong Netted.—Red fleshed, recommended, good flavor and large sized. Per pkt 5c, oz 20c, 2 oz 35c, $\frac{1}{4}$ lb 60c, lb \$2.00.

Green Climbing.—Green flesh, very sweet, juicy and fine flavored, thin skinned, slightly ribbed, if cultivated on a southern aspect against a trellis or a pole it produces without trimming a large number of fruit of the size of an ostrich egg. Per pkt 5c, oz 50c, 2 oz 90c, $\frac{1}{4}$ lb \$1.75.

The Surprise.—The finest flavored, red fleshed, thickly netted, highly recommended. Pkt 5c, oz 15c, 2 oz 20c, $\frac{1}{4}$ lb 30c, lb \$1.00.

Mango Melon, Vegetable Peach (Vine Peach).—The fruit is about the size of a large peach or orange, oval-shaped, and of a bright orange-yellow color, somewhat russeted outside, flesh is snow white. For sweet pickles, pies or preserving they are superb. Per pkt 5c, oz 15c, 2 oz 20c, $\frac{1}{4}$ lb 30c, lb \$1.00.

Garden Lemon

Resembles the Vegetable Peach in growth and shape of fruit, but is distinct in that the unripe fruit is striped with very dark green, almost black, while the Vegetable Peach is plain, and when ripe is not russeted like the Mango Melon. Per pkt 5c, oz 20c, 2 oz 35c, $\frac{1}{4}$ lb 60c, lb \$2.00.

Citron

Citron.—For preserves, striped, marbled light green, flesh white and solid. Pkt 5c, oz 15c, 2 oz 20c, $\frac{1}{4}$ lb 30c, lb \$1.00.

"Colorado Preserving"—Most prolific, flesh firm and solid, large size preserving qualities the best. Per pkt 5c, oz 15c, 2 oz 25c, $\frac{1}{4}$ lb 40c, lb \$1.25.



Citron for Preserving



Simmers' Dominion Musk Melon

Simmers' Watermelons

One ounce will plant about 60 hills.

GERMAN—WASSER MELONE. FRENCH—MELON D'EAU.



Seminole Water Melon

Seminole—Large size and delicious flavor. Flesh a vivid crimson color; crisp and sugary. The melons are of two colors—gray and light green, the latter a darker coloring of the former. Melons of both colors are found on the same vine, and are exactly the same in shape, size, color of seed, flavor and quality. Pkt 5c, oz 15c, 2 oz 20c, 1 lb 30c, lb \$1.00.

IMPROVED LONG DIXIE—A cross between Kolb's Gem and Mountain Sweet, surpassing the former in shipping qualities and fully equalling the latter in fine eating quality and flavor, being a week to ten days earlier than either, with a remarkably thin rind almost impenetrable, which preserves it for a great length of time. Per pkt 5c, 1 oz 15c, 2 oz 20c, 1 lb 30c, lb \$1.00.

KOLB'S GEM, or American Champion—Flavor of the best, with red core, keeping qualities very good, melons attaining a size of 25 to 50 lbs. Per pkt 5c, 1 oz 15c, 2 oz 20c, 1 lb 30c, lb \$1.00.

PEERLESS—A very handsome variety of medium size, mottled and striped with light green, thin rind, scarlet flesh, and of good flavor. Per pkt 5c, oz 15c, 2 oz 20c, 1 lb 30c, lb \$1.00.

LONG ISLAND—Red core, a large variety, very popular, sweet and luscious. Per pkt 5c, oz 15c, 2 oz 20c, 1 lb 30c, lb \$1.00.

CUBAN QUEEN—Beautifully striped, bright red flesh, solid, luscious, crisp and sugary. Per pkt 5c, oz 15c, 2 oz 20c, 1 lb 30c, lb \$1.00.

Black Spanish Early—Red core, very delicious, skin dark green. Per pkt 5c, oz 15c, 2 oz 20c, 1 lb 30c, lb \$1.00.

Mountain Sweet—Fruit oblong, dark green, rind thin, solid, very sweet and delicious. Per pkt 5c, oz 15c, 2 oz 20c, 1 lb 30c, lb \$1.00.



The Boss Water Melon

Ice Cream—Medium size, skin pale green, rind very thin, solid, crisp and delicious. Per pkt 5c, oz 15c, 2 oz 20c, 1 lb 30c, lb \$1.00.

PHINNEY'S—Oblong, bright red flesh, sweet, tender, well flavored, very productive and early. Per pkt 5c, oz 15c, 2 oz 20c, 1 lb 30c, lb \$1.00.

"THE BOSS"—A very large and luscious variety, flesh solid, red and sugary. Per pkt 5c, oz 15c, 2 oz 20c, 1 lb 30c, lb \$1.00.

Green and Gold—A variety with beautiful golden yellow flesh, free from any tinge of white. The rind is thin and the white 1/4 to 1/2 in. in thickness. The flesh granular in appearance, very juicy, sweet, rind of delicious flavor. It forms a pretty contrast to the red-fleshed sorts. Per pkt 5c, oz 15c, 2 oz 20c, 1 lb 30c, lb \$1.00.



MUSHROOMS (as grown from Spawn supplied by us)

GERMAN—Champignonbrot.

MUSHROOMS

FRENCH—Champignon.

The general use of Mushrooms as a delicious and wholesome dish has been somewhat limited, owing to the extremely high price this article generally commands in the market. But there is no excuse why everyone, that has a few feet available, may it be in a dark cellar, barn or shed, where the temperature can be maintained at from 50 to 60 degrees, should not have his table abundantly supplied with Mushrooms throughout the greater part of the year. It is only a question of time when, instead of being a luxury, Mushrooms will be as commonly served with our meats as onions are to-day. Considering the abundance of the necessary materials in all parts of our country, both in city and farm, and the high estimation in which the Mushroom is held, it is plainly demonstrated that the cultivation of Mushrooms is in its infancy in our country. The best results have been obtained by the

use of our superior English Mushroom Spawn, known as **J.A.S. P.** or **J. A. Simmers' Prolific**, which is largely used by the most successful growers around Toronto. Full and explicit instructions are contained in our circular, "**How to Grow Mushrooms Successfully**," which we will mail for 10c, or free with orders for two bricks.

Imported English Spawn—Made up in large bricks, 25c each, \$2.00 doz.

Imported French Spawn—Loose in boxes, of the size generally wanted by mushroom growers, \$1.00 each, \$8.50 per dozen boxes.

Imported French Spawn—In boxes for small gardens, 50c each.

If you have no use for this valuable Catalogue, we request you to give or send it to some seed-buying friend of your acquaintance, or RETURN TO US. Kindly advise us of any change in your address.

J. A. SIMMERS, Toronto.

SIMMERS' VEGETABLE AND FLOWER GARDEN, is a neat little book, giving full and explicit directions how to grow Vegetables and Flowers. Price 15c, or when asked for, free with every order for Vegetable or Flower Seeds amounting to \$1.00 or more. See our premiums on Order Sheet.

GOURDS

Japanese Nest Egg—These exactly resemble in color, shape and size, the eggs of hens, making a capital nest-egg, which are superior to glass eggs, as they do not crack or break, and are uninjured by cold or wet. As the plant is a rapid-growing climber, it is very useful for covering screens, etc. Per pkt 10c, 3 pkts 25c, 7 pkts 50c.

Dipper—Named for its resemblance to a dipper. The capacity varies from a pint to a quart, with handles six to twelve inches long. They are convenient for dipping hot liquids, etc. Per pkt 10c, oz 25c.

Luffa, or Dish-rag Gourd—A native of the East Indies, and in its nature has furnished us with a vegetable dish-cloth, the seeds being enveloped in a sponge-like cloth, which is tough, elastic and durable. Per pkt 5c, oz 25c.

Sugar Trough—Very useful for baskets, dishes, buckets, etc., etc. They have hard, thick shells, lasting for years, and capable of holding from two to ten gallons each. Per pkt 10c, oz 25c.

Fine Mixed—A collection of the most ornamental, including all of the above. Per pkt 10c, 3 pkts 25c, 7 pkts 50c.

Simmers' Onion Seed

German—Zwiebel.

French—Oignon.

One ounce will sow 100 feet of drill; 4 pounds is sufficient for an acre.

For Novelties in Vegetable Seeds see Colored Pages at Front of this Catalogue.



Red Victoria Onion

Large Yellow Globe Danvers—The most popular yellow onion all over the country. Our strain is the best that can be had. The onions from which our seed is raised are selected on the following points: earliness of maturity, extra large size, even and handsome form, thin neck and best keeping qualities. It is the best yielder and it has given universal satisfaction. Per pkt 5c, oz 15c, 2 oz 20c, 1 lb 35c, 1b \$1.20.

Large Yellow Flat Danvers—In quality, size and productiveness, equal to the preceding, but flat in shape. Per pkt 5c, oz 15c, 2 oz 20c, 1 lb 35c, 1b \$1.00.

Yellow Large Strasburg, or Dutch—One of the oldest varieties, good keeper and fine flavored. Per pkt 5c, oz 15c, 2 oz 20c, 1 lb 35c, 1b \$1.00.

Large Red Wethersfield—The most profitable Red Onion for the market gardener, as it is the heaviest yielder, 600 to 800 bushels having frequently been harvested on a single acre from seed sown in spring. It is of good strong flavor, the best keeper and an excellent shipper. It grows to good size, single onions often weighing from one to two pounds apiece. In short, it is the best Red Onion for everybody. Our strain is unsurpassed, the seed we offer having been saved from the largest onions of perfect shape, deepest color and thinnest neck. Per pkt 5c, oz 15c, 2 oz 25c, 1 lb 40c, 1b \$1.25.

Large Red Globe—With the exception, perhaps, of some of the white varieties, there is no onion that realizes such large prices as this, its beautiful globe shape and rich purplish-crimson color making it extremely desirable. The Large Red Globe is a good keeper and of excellent quality. Per pkt 5c, oz 15c, 2 oz 30c, 1 lb 50c, 1b \$1.75.



Simmers' Large Yellow Globe Danvers Onion



Large Yellow Strasburg or Dutch Onion

Extra Early Red—Quite distinct and true [American growth], about ten days earlier than the preceding. Per pkt 5c, oz 15c, 2 oz 25c, 1 lb 40c, 1b \$1.50.

Southport White Globe—Handsome globular onion, of mild flavor, good keeper, one of the best. Per pkt 5c, oz 25c, 2 oz 40c, 1 lb 70c, 1b \$2.50.

Southport Yellow Globe—Same shape as White Globe, color yellow, an excellent keeper. Our stock of this is perhaps the finest in the country. Per pkt 5c, oz 15c, 2 oz 25c, 1 lb 40c, 1b \$1.50.

Largest White Portugal—Mild flavor, good keeper, extensively grown for market. Per pkt 5c, oz 25c, 2 oz 40c, 1 lb 70c, 1b \$2.50.

Large French or Welsh—This variety should be sown in August; it is excellent for salads. Per pkt 5c, oz 20c, 2 oz 35c, 1 lb 60c, 1b \$2.00.

Red Victoria Onion—The skin is deep blood red, flesh white and of sweet, mild flavor. Per pkt 10c, oz 25c, 2 oz 40c, 1 lb 75c, 1b \$3.00.

White Victoria Onion—Skin and flesh pure white, of sweet, mild flavor. Per pkt 10c, oz 25c, 2 oz 40c, 1 lb 75c, 1b \$3.00.

Our One Dollar Vegetable Collection

Offered on page 2 is the most complete collection for the Home Garden ever offered for the money, and we want every reader of this Catalogue to enclose at least a \$1.00 bill for this collection, and, if he has no garden of his own, we will mail it to his best friend and book his name for our Catalogue 1898.

The "NEW ONION CULTURE." Useful Edition. Greiner. Price, 50c, postpaid.



Large Red Wethersfield Onion

SIMMERS' VEGETABLE AND FLOWER GARDEN

Is a neat little book, giving full and explicit directions how to grow Vegetables and Flowers. Price, 15 cents; or, when asked for, free with every order for Vegetable or Flower Seeds amounting to \$1.00 or more. See our Premiums on Order Sheet.



Southport Yellow Globe Onion

If you use ONION SEED in Large Quantities please state how much and let us quote you

Simmers' Onion Seeds



Mammoth Silver King Onion (White)



White Pearl Onion

ONION SEEDS—Continued

PRIZE TAKER ONION—True American Grown—This is a large, beautiful Spanish Onion that is offered for sale in the fruit stores and in the markets of all large cities. They are of enormous size, averaging 14 to 16 inches in circumference. Although of such great size, it is very hardy, and a very fair winter keeper. The outside skin is of a rich yellow color, while the flesh is white, sweet and tender. In market it attracts marked attention, and sells readily at about double the price of any other sort. Beware of imported spurious seed. (See cut). Per pkt 5c, oz 20c, 2 oz 35c, 1 lb 60c, lb \$2.00.

Mammoth Silver King (White)—The bulbs are of attractive form, flattened but thick through, bulbs often weigh from 2½ to 4 lbs. each; the skin is a beautiful silvery white. Flesh is snowy white, and of a particularly mild and pleasant flavor, so sweet and tender is the flesh that it can be eaten raw like an apple. See cut. Per pkt 5c, oz 20c, 2 oz 35c, 1 lb 60c, lb \$2.00.

Largest White Portugal—Mild flavor, good keeper, extensively grown for market. Per pkt 5c, oz 25c, 2 oz 40c, 1 lb 70c, lb \$2.50.

White Pearl—One of the earliest varieties, of a pure white color, mild flavor and attractive appearance. Per pkt 5c, oz 25c, 2 oz 40c, 1 lb 75c, lb \$3.00.

White Barletta—This variety is most distinct on account of its great earliness. It is three weeks earlier than the *White Queen*. It is of a beautiful waxy white color, and grows 1½ in. in diameter, ½ in. thick, with finely formed bulbs, flattened at top. Its earliness highly recommends its use as a substitute for Onion Sets, and it is without a rival for pickles. Per pkt 5c, oz 25c, 2 oz 40c, 1 lb 70c, lb \$2.50.

Giant Brown Rocca—Very large and globular, light brown skin, and delicate flavor. Per pkt 5c, oz 15c, 2 oz 25c, 1 lb 40c, lb \$1.50.

Giant Yellow or Lemon Rocca—Very handsome shape with flattened top, small neck and bright yellow skin. They grow to measure 5 inches in diameter. Per pkt 5c, oz 20c, 2 oz 35c, 1 lb 60c, lb \$2.00.

Mammoth Pompeii—This excellent Italian variety grows to an enormous size. Onions weighing from 4 to 5 pounds each have been grown of this variety. The skin is a delicate red, and the flesh is close grained and nearly white. It is of a very mild flavor. Per pkt 5c, oz 25c, 2 oz 40c, 1 lb 70c, lb \$2.50.

White Tripoli—Excellent quality. Per pkt 5c, oz 25c, 2 oz 40c, 1 lb 75c, lb \$3.

Red Tripoli—Excellent quality. Per pkt 5c, oz 25c, 2 oz 40c, 1 lb 75c, lb \$3.

Largest Red Madeira—Large, tender and a good keeper. Per pkt 5c, oz 25c, 2 oz 40c, 1 lb 70c, lb \$2.50.

Small White Nocera—The finest for pickling, very small and round, pure white. Per pkt 5c, oz 25c, 2 oz 40c, 1 lb 70c, lb \$2.50.

Silverskin—A handsome onion of mild flavor, extensively grown for pickling. Per pkt 5c, oz 15c, 2 oz 25c, 1 lb 40c, lb \$1.50.

White Queen—Remarkable for its extreme earliness and very mild flavor; it is small and white skinned; much liked for pickling. Per pkt 5c, oz 25c, 2 oz 40c, 1 lb 70c, lb \$2.00.

Please write us for prices on bushel lots of Onion Sets (prices fluctuate), when we will quote lowest market rates.



Onion "Prize Taker"

Onion Sets

One quart of Sets is needed for 100 feet of drill.

Please remember that Onion Sets are subject to fluctuations of the market, and the prices per bushel quoted below are those of the time when this Catalogue was published, and are not binding throughout the season.

We keep regularly in Stock the following kinds:

White Multiplier Onion Sets—Are of a pure silvery white color enormously productive, frequently producing as many as twenty bulbs in a single cluster from a single bulb planted; of excellent quality and size for bunching green, or can be ripened for use as pickling onions. Their keeping qualities are remarkable, but their most important quality is their extreme earliness, being ready for market from three to four weeks ahead of other onion sets. Pt 15c, qt 20c, 4 qts 75c, postpaid. Peck \$1.25, bush \$1.50, carriage extra.

Yellow Onion Sets—Pt 10c, qt 20c, 2 qts 35c, 4 qts 75c, postpaid; peck \$1.00, carriage extra.

White Onion Sets—Pt 15c, qt. 25c, 2 qts 45c, 4 qts 90c, postpaid; peck \$1.50, carriage extra.

English Potato Onion Sets—The real English multiplier. 1 lb 15c, 2 lbs 30c, 4 lbs 60c, postpaid; peck \$1.50, carriage extra.

Top or Button Onion Sets, red and Yellow—Pt 15c, qt 20c, 2 qts 35c, 4 qts 65c, postpaid; peck \$1.15, carriage extra.

Shallots, or multiplier onion sets—For early spring use. Qt 10c, 3 qts 25c, 1 peck 40c, postpaid; peck 65c, carriage extra.

Egyptian or Perennial Tree Onion—For fall delivery only. Grows for years without any protection or care, except to keep down weeds. It starts so early in the spring that it is ready for use long before any other onions can be had. It is mild flavored, sweet and tender. Bulbs divide into 15 or 20 small onions in one bunch. Very early and profitable for market gardeners. Pt 10c, qt 15c, 2 qts 25c, postpaid; peck 65c, carriage extra.

FEB. 21st, 1896.

I found your seed good, and had Prize Taker Onions that weighed over three pounds each.

JAMES CROZIER, Kelowna, B.C.

MARCH 10th, 1896.

Received Seeds and Onion Sets as ordered. Your promptness is much to be recommended. Thanks for complimentary package.

Mrs. P. LARVEQUE, Noreliffe, Que.



White Multiplier Onion Sets



Early Small White Silverskin Onion for Pickling



Martynia Seed Pod

MARTYNIA

Martynia Proboscidea—The best variety for pickles. Sow in May or June, at least three feet apart. Pkt 5c, oz 30c, 2 oz 55c, 1 lb \$1.00, 1b \$3.00.

MUSTARD. One ounce will sow about 30 feet of drill
German—Senf. French—Moutarde.

CULTURE—Sow rather thickly, in rows, in a hot-bed, as early as possible in the spring, or in the open ground in May. Repeat the sowing about every fortnight for a succession. It is cut and mixed with cress for salad when about two inches high.

White—For salad or medicinal purposes. Pkt 5c, oz 10c, 1 lb 15c, 1b 30c.

Brown—For seasoning, more pungent in flavor than the White. Pkt 5c, oz 10c, 1 lb 15c, 1b 30c.

NASTURTIUM, OR INDIAN CRESS

One ounce will sow about 30 feet of drill

CULTURE—Sow about the middle of May, in the open ground, one inch deep in patches, and train them to sticks. The seed when young and tender are picked as a substitute for capers, to which some prefer them. The leaves are eaten in salad and are very tasty: are also used as a garnish.

Tall Mixed Nasturtium—Pkt 5c, oz 15c, 2 oz 25c, 1 lb 40c, 1b \$1.25.

Dwarf Mixed Nasturtium—Pkt 5c, oz 20c, 2 oz 35c, 1 lb 60c, 1b \$2.00.

PEPPER. One ounce will produce 2,000 plants

German—Pfeffer. French—Piment.

CULTURE—Peppers are sown as early as possible in spring, in a hot-bed or warm room, quarter of an inch deep, and transplanted about the middle of May, in drills 18 inches apart each way, or in hills with plenty of rotten manure at the bottom. The soil must be rich and strong, and in the course of the summer an occasional watering with liquid manure or a moderate solution of guano will be beneficial.

Improved Bull Nose or Large Squash or Bell—Of mild flavor, favorite sort for pickling and for use in the natural state. Pkt 5c, oz 40c.

Long Cayenne—Best for pickles, pods small cone-shaped, red. Pkt 5c, oz 40c.

Long Red—Pods brilliant red, 2 to 4 inches in length. Pkt 5c, oz 40c.

Monstrous or Grossum, remarkably large and irregular in shape, sweet and thick flesh. Pkt 5c, oz 40c.

Procopp's Giant—They are of a brilliant scarlet color, flesh fully one-half inch in thickness. In flavor they are just hot enough to be pleasant to the taste. Each plant ripens from eight to twelve perfect fruits, from eight to ten inches long by three inches thick. Pkt 5c, oz 50c.

Coral Gem Bouquet—Its beautiful little pods of shining red color are so thickly set as to give it the appearance of a bouquet or coral. As a pot plant, besides its great beauty, it serves the housekeeper in a most convenient way when pods are wanted for seasoning. Pkt 10c, oz 50c.

Celestial—The plant begins to set its fruits early in the season, and continues until frost, branching freely and bearing profusely. They are from two to three inches long, of clear, sharp flavor, and superior for any of the uses to which a pepper can be put. Pkt 5c, oz 50c.

Sweet Spanish—Fruit obtusely conical, often four inches in length, nearly three inches in diameter, glossy scarlet at maturity, the earliest of all, sweet, mild and pleasant. Pkt 5c, oz 40c.

Small Red Chili—Fruit very piquant and small, about two inches in length. Pkt 5c, oz 40c.

Mammoth Golden Queen, or Mango—Beautiful golden-yellow color, very sweet, of dwarf growth, with very large fruit, and in productiveness surpasses any other variety, free from fiery flavor. Price 5c, oz 50c.

Black Nubian Pepper—The peppers are of a deep blue-black, appearing nearly coal black, while the stalks of the plant are also black, bearing deep purple flowers, and the fruit as it ripens turns to a rich maroon. Superior for pickling at any stage, and when ripe are of a very sharp, pungent flavor. Pkt 10, 3 pkts for 25c, per oz 50c.



Improved Bull Nose or Large Squash or Bell Pepper

OKRA, OR GUMBO

German—Essbarer.
French—Gombo.

One ounce will plant 100 hills.

CULTURE—This vegetable is extensively grown in the Southern States. Its long pods when young are used in soups, stews, etc., and believed to be very nutritious. It is of the easiest culture and grows freely, bearing abundantly in any garden soil. It is sown at the usual time of all tender vegetables, in drills 2 inches deep, setting the plants from 2 to 3 ft. apart.

Long Pale Green—Long-ribbed pods, this variety generally succeeds the best of any. Pkt 5c, oz 20c, 2 oz 35c, 1 lb 60c, 1b \$2.00.

Dwarf Green—Earliest and best, small green smooth pods. Pkt 5c, oz 20c, 2 oz 35c, 1 lb 60c, 1b \$2.00.

APRIL, 1896.

I have received the Seeds ordered in very good condition. Accept thanks for prompt attention to same, also for the very liberal manner in which you have filled my order.

D. BELL,
St. Valier Toll Gate, Quebec.

PARSLEY. One ounce will sow 150 feet of drill.

German—Petersilie. French—Persil.



Covent Garden, or Champion Moss Curled Parsley

Covent Garden Garnishing, or Champion Moss Curled, a perfectly curled variety. Pkt 5c, oz 15c, 2 oz 25c, 1 lb 40c, 1b \$1.25.

Fernleaved—Light green color, not curled, but rather delicately feathered. Pkt 5c, oz 15c, 2 oz 25c, 1 lb 40c, 1b \$1.50.

Soak the seeds a few hours in warm water, and sow very early in the spring, in drills twelve inches apart; thin out the plants to six inches apart. To have green during the winter, remove plants into a box, and place in a light cellar or cold frame.

Best Extra Triple Curled—With leaves finely cut and curled, and of a deep emerald green hue. Extra fine for garnishing and culinary purposes. Pkt 5c, oz 10c, 2 oz 15c, 1 lb 25c, 1b \$1.00.

Dwarf, very Curled—Very curly, one of the most delicate of the curled sorts. Pkt 5c, oz 10c, 2 oz 15c, 1 lb 25c, 1b \$1.00.

PARSNIPS

German—Pastinake. French—Panaïs.

One ounce will sow about 150 feet of drill

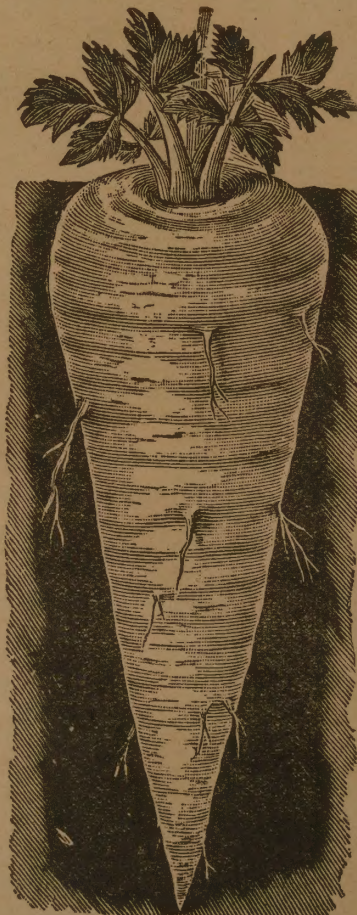
CULTURE—Parsnips succeed best in a deep, free, rich soil; that having been heavily manured for previous crops should be selected, and if manure must be used, let it be well decomposed. Sow in drills fifteen to eighteen inches apart, as early in the spring as possible, thin out, leaving six inches between them. The roots are hardy and are improved by frost, and it is usual to take up sufficient in the fall for winter use, leaving the rest in the ground until spring to be dug up as required; they are valuable for the table as well as for dairy stock.

Large Long Smooth Dutch Hollow Crowned—Roots long, tender free from side shoots, excellent flavor. Pkt 5c, oz 10c, 2 oz 15c, 1 lb 20c, 1b 60c.

Maltese—Very handsome and of excellent quality. The base of the leaf stems have the appearance of a Maltese cross. Shorter than others and better for shallow soils. Pkt 5c, oz 10c, 2 oz 15c, 1 lb 20, 1b 75c.

Improved Guernsey, or Half Long—A very fine and improved strain which has given general satisfaction. The roots do not grow so long as the Hollow Crown, but are of greater diameter and more easily gathered. The roots are very smooth, the flesh fine grained and of excellent quality. Pkt 5c, oz 10c, 2 oz 15c, 1 lb 20c, 1b 60c.

Early Round—A short variety, crown broad and rounded, somewhat hollow at the insertion of the leaves, very fine flavored. Pkt 5c, oz 15c, 2 oz 15c, 1 lb 20c, 1b 75c.



Hollow Crowned Parsnip



Maltese Parsnip

**One Ounce will Sow
100 Feet of Drill.**

RADISH SEED

**GERMAN—RADIESHEN UND RETTIGE.
FRENCH—RADIS.**

CULTURE.—The soil for radishes should be very rich, light and mellow, well broken by digging, as their tender and mild qualities depend much upon their rapid growth. For very early use sow on gentle hot-beds in March, and in the open air as soon as the ground can be worked, at intervals of ten or twelve days for a succession, as long as they may be wanted. **TURNIP-ROOTED** and the **OLIVE-SHAPED** varieties are the best for sowing in the summer. The winter varieties should be sown in August, and lifted before severe frost, and stored in the cellar.

Early and Summer Varieties

Early Scarlet Olive-Shaped White Tipped (*French Breakfast Radish*)—A variety of quick growth, mild and tender, and one of the best for forcing. Oval form, scarlet, tipped with white. Per pkt 5c, oz 10c, 2 oz 15c, qr lb 25c, lb 80c.

Early Scarlet Olive-Shaped
A very early and handsome variety, of a lively rose color and oblong shape, popular among most market gardeners. Per pkt 5c, oz 10c, 2 oz 15c, qr lb 25c, lb 80c.

Early White Olive-Shaped
Similar to scarlet, skin being white. Per pkt 5c, oz 10c, 2 oz 15c, qr lb 25c, lb 80c.

Early Scarlet Turnip-Rooted
—Small top, quick growth, mild and crisp, best for market. Per pkt 5c, oz 10c, 2 oz 15c, qr lb 25c, lb 60c.

Early White Turnip-Rooted
Very early, flesh and skin white. Grown for mixing in with bunches of red radishes. Per pkt 5c, oz 10c, 2 oz 15c, qr lb 25c, lb 60c.

Early Nine-Pin Shaped
—Scarlet, for forcing, so called on account of its shape. Per

pkt 5c, oz 10c, 2 oz 15c, qr lb 30c, lb \$1.00.

Early Scarlet White-Tipped Turnip-Rooted—A very pretty variety, excellent for market and fine for forcing. Per pkt 5c, oz 10c, 2 oz 15c, qr lb 25c, lb 75c.

Our Seeds are the Best

PEARL FORCING RADISH—This new sort is a cross between Wood's Early Frame and Long White Naples. A most distinguishing characteristic is its rich, waxy appearance. The shape is one long sought for, and the most advantageous

for bunching, being what might be called half stump-rooted. They remain in edible condition at least two weeks longer than Wood's Early Frame, are not pithy, and do not become woody. The color is pearl white, and the texture very firm and solid. Per pkt 5c, oz 10c, 2 oz 15c, qr lb 30c, lb \$1.00.

Wood's Early Frame—A longscarlet, excellent for forcing. Per pkt 5c, oz 10c, 2 oz 15c, qr lb 25c, lb 60c.



Radish, Scarlet Turnip-Rooted White-Tipped



Long Scarlet Radish



Rosy Gem Radish

Early Scarlet Globe—A most desirable turnip sort for hot-bed forcing; very early, and in flavor mild, crisp, juicy and tender; top small and it will stand the heat well without becoming pithy. One of the best selling radishes on account of its very attractive color and shape. Per pkt 5c, oz 10c, 2 oz 15c, qr lb 30c, lb \$1.00.

Early Non Plus Ultra—Unquestionably the earliest forcing radish, grows very rapidly, and is fit for use within three weeks; the root is round and bright scarlet; the flesh tender and particularly delicate. Per pkt 5c, oz 10c, 2 oz 15c, qr lb 25c, lb 75c.

Rosy Gem—Shape is perfectly globular, with rich deep scarlet top, blending into pure white at bottom exceedingly tender, crisp and delicious; desirable for growing under glass. Per pkt 5c, oz 10c, 2 oz 15c, qr lb 25c, lb 75c.

Improved Chartier Radish—The color at the top being crimson, running into pink about the middle, and from thence downwards it is a pure waxy white; it will attain a very large size before it becomes unfit for the table, excellent quality. Pkt 5c, oz 10c, 2 oz 15c, qr lb 25c, lb 75c.

Long Scarlet, or Early Short Top—A standard variety for market and private gardens. Pkt 5c, oz 10c, 2 oz 15c, qr lb 25c, lb 60c.

Long Salmon—A long light-red variety, very desirable for gardens. Per pkt 5c, oz 10c, 2 oz 15c, qr lb 25c, lb 60c.

Long White Naples—Excellent for table, flesh white, crisp and mild. Per pkt 5c, oz 10c, 2 oz 15c, qr lb 25c, lb 75c.

OUR RADISH SURPRISE, Simmers' Mixture—This is a mixture of over twenty choice varieties of early, medium and late radishes. You will certainly have radishes all summer, and be surprised at the results, if you give it a good place in the garden. Large pkt 10c, oz 15c, qr lb 25c, lb 75c.

Early Black Round Spanish—Coming to perfection quite early. Per pkt 5c, oz 10c, 2 oz 15c, qr lb 25c, lb \$1.00.

Winter Varieties

White Chinese (Celestial)—For description see Novelties. Per pkt 5c, oz 15c, 2 oz 20c, qr lb 30c, lb \$1.00.

California Mammoth Long Black Spanish Winter—Very large and best for winter use. Per pkt 5c, oz 15c, 2 oz 20c, qr lb 30c, lb \$1.00.

California Long White Spanish—Very large and best for winter, rather milder than the Long Black. Pkt 5c, oz 15c, 2 oz 20c, qr lb 30c, lb \$1.00.

Long China Rose—Winter, very desirable, light rose color, flesh fine and piquant. Per pkt 5c, oz 15c, 2 oz 20c, qr lb 30c, lb \$1.00.

Black Round Spanish Winter—Large, for use during winter, of firm texture. Pkt 5c, oz 10c, 2 oz 15c, qr lb 25c, lb \$1.00.



Early Scarlet Turnip-Rooted Radish

Please Examine our Collection of Vegetable Seeds on Page 2.

PUMPKINS—One Ounce will Plant about 25 hills.

GERMAN—KURBIS. FRENCH—COURGE.

CULTURE—Seeds are from enormous specimens, should be sown on hills, with plenty of manure at bottom, in rather damp ground. Only 2 or 3 plants to each hill. Excellent for culinary and feeding purposes.

Simmers' Mammoth Prize Pumpkin—Flesh and skin bright golden yellow. Flesh fine grained, excellent quality. Notwithstanding its enormous size, it is one of the very best pie pumpkins ever grown, fine keeper. Stock limited. Pkt 20c, 3 pkts 50c, 7 pkts \$1.00.

Large Yellow Mammoth Cheese—Hardy, productive and superior in all respects to most of the field grown sorts, fine grained and excellent flavor, growing to an enormous size. Per pkt 5c, oz 10c, 2 oz 15c, qr lb 30c, lb \$1.00.

Japanese Pie—Flesh very thick, nearly solid, unusually fine grained, dry and sweet, resembling sweet potatoes in taste. It ripens early and keeps well. The seeds are very curiously marked. Per pkt 10c, oz 20c, 2 oz 35c, qr lb 60c, lb \$2.00.

Large Field—Both for culinary purposes and for feeding cattle, a large yellow variety known as the "Pie Pumpkin." Pkt 5c, qr lb 10c, lb 25c.

Jumbo Pumpkin—The largest variety grown, very attractive. Per pkt 10c, oz 20c, 2 oz 35c, qr lb 60c, lb \$2.00.

Jonathan Pumpkin—This pumpkin, is pronounced by a veteran pumpkin grower one of the finest varieties he has ever grown. It is a good keeper, of large size, very prolific, smooth, and even fleshed; very sweet and fine for pies. Per pkt 5c, oz 20, 2 oz 35, qr lb 60c, lb \$2.00.



Jonathan Pumpkin



The Jumbo Pumpkin Largest Variety in Cultivation

One pound will plant about 50 feet of drill, from one to two bushels per acre.

CULTURE.—The Pea comes earliest to maturity in light, rich soil. For general crops a deep loam, or a soil strongly inclined to clay, is the best; for early crops, mild manure, such as leaf mould, should be employed. Plant as early as the weather will permit, in well-prepared soil, and cover about 2 or 3 in. deep. Sow 3 feet apart for early kinds, and 4 feet for late. For a continuous supply sow from early in April until the last of June; then discontinue until middle of Aug., when an extra early sort will sometimes produce a good crop. Soak in warm water a few hours previous to sowing. (Small packets of any variety, 5 cts.) Please add 4c. per pound for postage.

Early Varieties

Simmers' First of All—2 feet, very productive, so called owing to its extreme earliness; specially grown for our trade; market gardeners will find this variety the best for first market. Per lb or pt 10c, qt (2 lbs) 20c, peck \$1.10, bush \$3.90.

Carter's First Crop, or Ringleader—2 feet, one of the earliest in cultivation, very productive, good flavor, the haulm being literally covered with pods. Per lb or pt 10c, qt (2 lbs) 20c, peck \$1.00, bush \$3.60.

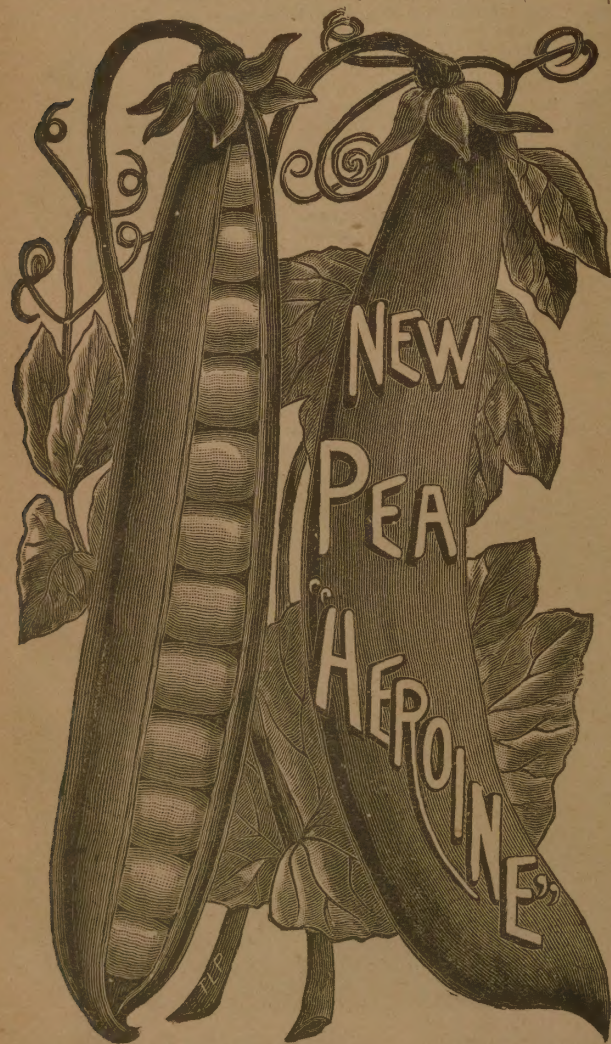
McLean's Blue Peter—1 foot, quite dwarf, requiring no support, a splendid bearer, and exquisite flavor, pods comparatively large and well filled. Per lb or pt 15c, qt (2 lbs) 30c, peck \$1.20, bush \$4.20.

Alaska—The earliest blue Pea, very uniform in growth; the dark green color of the pods makes it extremely desirable, as it can be carried long distances without losing color, which quality, combined with its earliness, makes it a most desirable extra early Pea for market and private gardens: height 2 feet. Per pt 10c, qt 20c, peck \$1.15, bush \$4.20.

McLean's Little Gem—1 foot, dwarf green wrinkled marrow; has all the sugary flavor of the late wrinkled peas, besides being very early; needs no sticks. Per lb or pt 15c, qt (2 lbs) 30c, peck \$1.15, bush \$4.20.

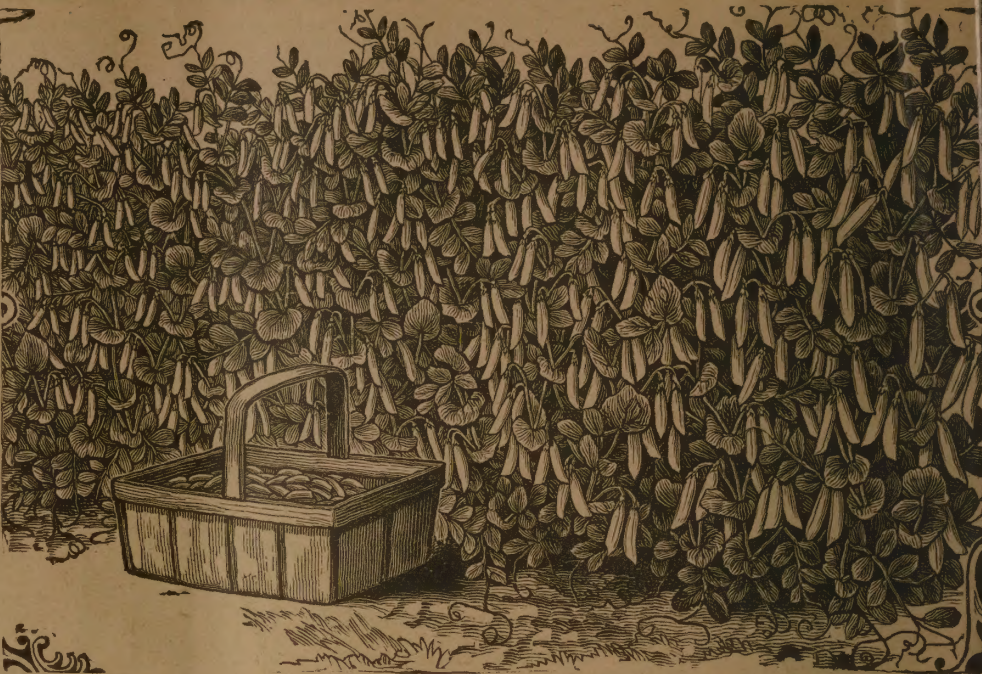
Laxton's Alpha—The earliest wrinkled pea, fully as large as the Daniel O'Rourke, with the advantage of a rich quality, 2½ to 3 feet high. Per lb or pt 15c, qt (2 lbs) 30c, peck \$1.15, bush \$4.20.

Nott's Excelsior—Robust and vigorous in growth, throwing out laterals from base of haulm, producing in profusion long handsome pods, closely packed with large peas of fine flavor. An improvement on American Wonder, being more vigorous and prolific, with larger pods, with more peas than either the Wonder or Premium Gem. Genuine stock very limited and it will be some time before it can come into general use. Seed, green, wrinkled, square at the end like American Wonder, height 12 inches. Lb or pt 15c, qt 30c, peck \$1.50, bush \$5.40.



PEAS

German—Erbesen
French—Pois



Simmers' First of All Peas

Extra Early Premium Gem—Very early, good flavor, productive, excellent for family use, one foot high, no sticks needed. Per lb or pt 15c, qt (2 lbs) 30c, peck \$1.15, bush \$4.20.

American Wonder—10 inches, one of the earliest wrinkled peas in cultivation, exceedingly productive and of very dwarf and compact growth, quality the very best. Per lb or pt 15c, qt (2 lbs) 30c, peck \$1.25, bush \$4.80.

The Lightning—As the name implies, this is a remarkably rapid grower, and well adapted for market garden trade, as it bears very early. The pea is large for a first early, the pods well filled and numerous on the vine; height 2 feet. Per pt 15c, qt 25c, peck \$1.15, bush \$4.20.

SIMMERS' "DAISY" PEAS—"Daisy" Pea is the result of seven years' patient work at the experimental grounds, and is in its way unique. After cultivating and testing every variety of Pea, new and old, in general cultivation, we pronounce the "Daisy" to be absolutely distinct from and immeasurably superior to any other Dwarf Pea in commerce. The haulm in an average season grows to a length of 12 to 15 inches, and is practically covered with handsome pods 5 inches in length, containing 8 to 11 deep colored Peas. This Pea has the most exquisite flavor we have ever met with. Per pkt 10c, per lb 30c, per qt 50c.

Medium Early Varieties

HEROINE—Elegant habit of growth, luxuriant foliage, pods remarkably long and handsome, slightly curved, well filled with large luscious peas of fine flavor, a gem of the first water, apparently as good as Stratagem for all purposes, while far superior to the variety in habit, as it is remarkably true and fixed in its habits of growth. Height 2 ft., seed green and very much wrinkled. (See cut). Per lb 15c, qt 30c, peck \$1.25, bush \$4.80.

Bliss' Everbearing—2 feet, a splendid general crop pea, pods averaging 4 in. long and containing from 6 to 8 wrinkled peas of enormous size, many being over half an inch in diameter, while in sweetness of flavor they are unsurpassed. Per lb or pt 15c, qt (2 lbs) 30c, peck \$1.25, bush \$4.80.

Laxton's Prolific Long Pod—2 feet, a round, green variety, very productive, producing pods with from 11 to 12 peas in each, of superior flavor. Per lb or pt 15c, qt (2 lbs) 30c, peck \$1.25, bush \$4.80.

Laxton's Supreme—A fine, large and distinct early pea, of green marrow race, having from 9 to 10 peas in a pod, 4 feet high, prolific. Per lb or pt 15c, qt (2 lbs) 30c, peck \$1.25, bush \$4.80.

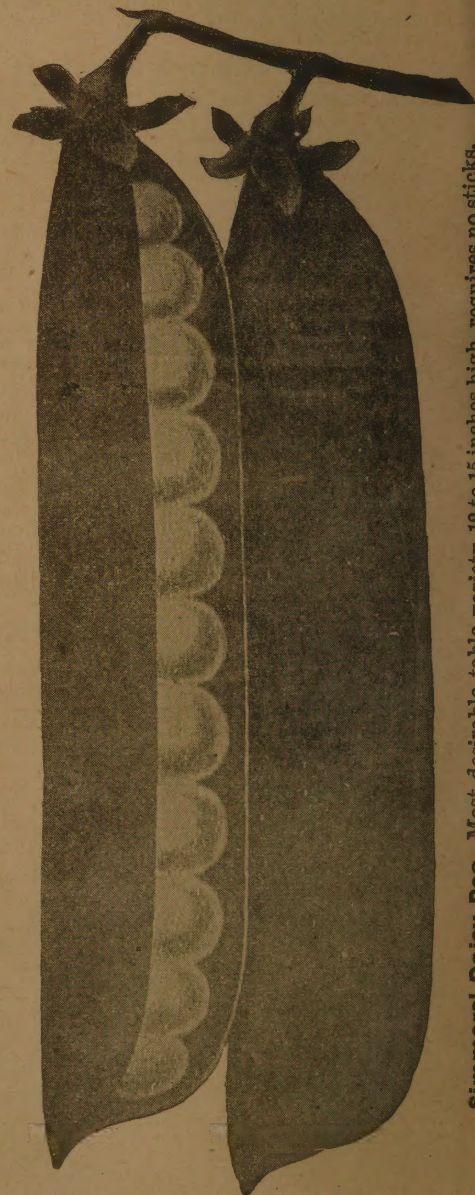
Blue Imperial—3 feet, large pods and prolific, a good summer pea, of fine flavor. Per lb or pt 10c, qt (2 lbs) 20c, peck \$1.10, bush \$4.20.

Horsford's Garden—Grows from 2 to 2½ feet high, it is extremely prolific, and bears its pods always in pairs, and on some of the best plants over 150 pods have been counted. One of the sweetest peas. Per lb 10c, qt 20c, peck \$1.15, bush \$4.20.

Anticipation—We have found it a very fine second early pea; 2½ feet high, being of sturdy habit; pods are immense, well filled, and the quality excellent. Per pt 20c, qt 35c, peck \$2.25, bush \$8.00.

Hair's Dwarf Blue Mammoth—Excellent flavor, 2½ feet, very prolific. Per lb or pt 25c, qt (2 lbs) 40c, peck \$2.50, bush \$8.00.

If Peas are to be sent by Mail be sure to add 4 cents per pound for postage



Simmers' Daisy Pea—Most desirable table variety, 12 to 15 inches high, requires no sticks.

PEAS

(Continued)

All Peas 5c per pkt except where noted.

LATER OR GENERAL CROP.

Stratagem—An English blue wrinkled marrow, with vines of strong growth as to need no support, and remarkably free bearing; peas very large and fine flavored, pods sometimes 6 inches in length, well filled; vines 2 feet; unquestionably one of the very best for table use. Per pt 15c, qt 30c, peck \$1.25, bush \$1.80.

Telephone—This strong-growing, sweet, wrinkled pea is driving out of the local market the common kinds of early hard peas, owing to its strong growth, large, handsome well-filled pods, and very fine table quality. Market gardeners have found it a very profitable sort. The vines often bear 18 to 20 pods per stalk, each containing 6 to 7 large peas; 4 feet high. Pt 15c, qt 30c, pk \$1.25, bush \$1.80.



The Stratagem Pea

Juno—It has a robust vine and stout, STRAIGHT pods, usually borne in pairs. The pods are very thick, broad-backed all the way up, and filled from the stem to the tips with seven to nine sweet, delicious DARK green peas of immense size. Its height is two feet, and its season from medium early to main crop. (See cut.) Pt 30c, qt 45c.

Burpee's Profusion—Is of vigorous growth, attaining 3 feet in height and of a very branching character. The pods are usually produced in pairs, from 50 to 90 pods to the plant. The pods are well packed with large, luscious peas, of very sweet and splendid quality. The plants are continuous bearers, extending over a period of several weeks. Pt or lb 25c, qt 40c, pk \$2.75.

Pride of the Market—It grows from 18 inches to 2 feet in height, and bears grand pods well filled from top to bottom with large and fine flavored peas. Its robust constitution, enormous yield and superior appearance ensure its acceptance as a favorite with the public; 2 feet. Per pt 15c, qt 30, peck \$1.15, bush \$1.20.

Black-Eyed Marrowfat (3 feet)—Best for general crop, has large and well-filled pods; a popular market variety. Per lb or pt 10c, qt (about 2 lbs) 15c, pk 40c, bush market price.

Champion of England (4 ft)—Universally admitted one of the best peas grown; a delicious flavor and good bearer. Per lb or pt 10c, qt (about 2 lbs) 15c, peck \$1.00, bush \$3.60.

Large White Marrowfat—Well known, prolific and of good flavor, 6 feet high. Per lb or pt 10c, qt (about 2 lbs) 15c, peck 40c, bush market price.

Yorkshire Hero (2½ feet)—Very prolific and of delicious flavor. Per lb or pt 15c, qt about 2 lbs) 25c, peck \$1.15, bush \$4.20.

EDIBLE PODDED, OR SUGAR

Tall Scimitar Sugar—Pods are edible, very sweet, 7 to 8 in. long, grows 6 feet high, can be used in green state like string beans. Per lb or pt 25c, qt (2 lbs) 50c, peck \$2.50, bush \$8.00.

Dwarf Sugar—Pods edible, 2 feet high, can be used in green state like string beans. Per lb or pt 25c, qt (2 lbs) 50c, peck \$2.50, bush \$8.00.

Our Seed Peas are of the very best quality, riddled and hand picked.

REMEMBER—A yearly subscription to "American Gardening," a weekly journal, goes with every Five Dollar (\$5.00) order of vegetable or flower seeds, plants or bulbs, not including collections or special offers.

Testimonial from One of Our German Customers:

KRONAU, May 29, 1896.

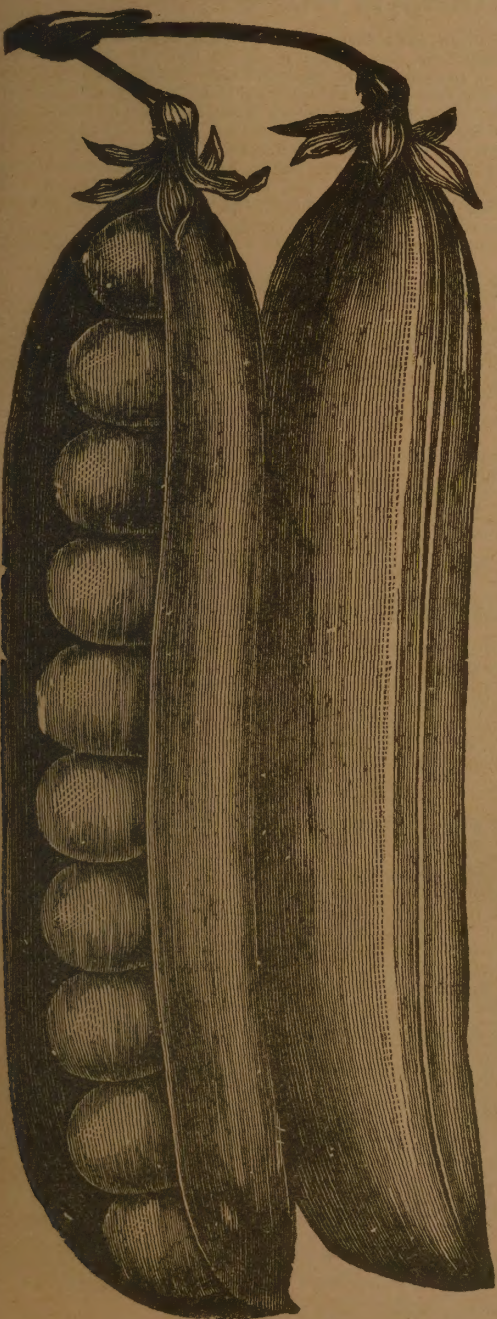
J. A. SIMMERS, ESQ., Toronto:

Mit letzter post sind alle Bestellungen angekommen und ein jeder ist zufrieden mit Ihren Saemereien Dafur meinen besten Dank.

A. ENTENEIER.

The Juno Pea

The Telephone Pea



POTATOES FOR SEED

German—Kartoffel.

French—Pomme de terre.

In drills 3 ft apart; 12 to 14 bushels to the acre.
1 peck will plant about 125 hills.

"The New Potato Culture," by Elbert S. Carman, editor of *The Rural New Yorker*. This book gives the result of 15 years' experiment work on the rural grounds. How to increase the crop without corresponding cost of production. Manures and Fertilizers. The soil. Depth of planting. Seed. Culture. The Rural Trench System. Varieties, etc., etc. Price: cloth, 75c.; paper, 50c.

WE SHALL SHIP as early as is safe from frost. We will ship when requested any time customers wish to take their own risk. On late orders it will save time to state, in case supply of some kinds is exhausted, whether you wish us to return money or substitute other sorts of same value.

Prices on potatoes are subject to market changes. Special rates per bushel on large lots.

A NEW POTATO FOR 1897, AND THE BEST ONE YET.

Maule's Early Thoroughbred Potato

Perfection at last attained! As fine Flavor as the Freeman, as great a cropper as the Irish Daisy, and as early or earlier than Early Ohio!

Read what Mr. Terry had to say about **THOROUGHbred** in the *Practical Farmer* of October 5th, 1895:

BLOOD WILL TELL.

"Yes, it will, no matter whether it is in stock or seed. Last spring I received two small tubers of a new early potato to test. They weighed less than half a pound, the two together. There was nothing in their appearance to indicate that they were better than any ordinary potatoes one could pick up in any farmer's cellar. I have a good many potatoes sent me to test in this way, and often find that they are no better than old varieties. We had a number on trial this year. To make the trial more complete, I got two tubers of about the same size from an old farmer's stock, and planted them by the side of the others. He said they were Early Rose. I can't say about this, but they are an early kind that he has grown a long time without any change of seed. All these potatoes were cut to one eye and planted precisely as the rest of our field crop was planted. They were put right in the field, and not on selected ground, but on average. No manuring or fertilizing whatever was done on the land where they grew. Nor did they have any extra tillage. We dropped these pieces in drills made the same as all over the field, and then treated all the field alike till digging time. I took a fork and threw out the hills planted with the new early potato, and I never was so surprised in all my life at any results obtained in potato culture. In every hill there were great, large, beautiful potatoes, such as I have never seen since the first year the old Early Rose came around. There were practically no small ones, or medium sized ones, just enormous ones, such as you might perhaps look for under very favorable conditions in a wet season. Now I am not exaggerating a bit. The first year I grew the Early Rose there were a good many tubers as fine and large as these. I have never seen any early potatoes in my farm since, as fine, until I dug these. There were 45 pounds. They resemble the Rose in shape, color and quality very much. They are quite early and were ripe entirely before the rains came, so this great growth was made with little chance. The tops were not large. They were not as thrifty and promising as the Freeman's, hence my great surprise when I dug them."

"The two tubers obtained from a farmer's cellar gave me fifteen pounds of rather small potatoes. There were hardly any that you could call medium and many small ones. The two lots were each given about three hills less than half a square rod to grow in. The yield per acre of the new variety of potatoes was over 240 bushels. The yield of the others a little over 80. Here was a difference of 160 bushels per acre, due entirely and only to blood. In other words, the vigor and vitality of the new seedling enabled it under precisely the same conditions to grow three times as many bushels. When I planted the tubers I thought in all probability I should never have any occasion to mention it. But there is a great lesson taught by this little experiment. Thousands of farmers are using seed that has so run out that there is no profit in growing the crop. I would not be rash. I am pretty careful myself. But you will make a mistake if you don't change seed occasionally and get the benefit of new blood. In this line of new potatoes we are constantly testing and quick to change when it will pay."

Our Price for 1897—Per lb 50c, 3 lb \$1.25, 5 lb \$1.75, post paid; peck \$3.00, carriage extra.

CARMAN NO. 1

The Carman No. 1 is intermediate in ripening, and resembles the Rural New Yorker No. 2 in shape, and also in having very few and shallow eyes. The flesh is peculiarly white and the quality perfect. This variety is proving to be an enormous producer of very handsome tubers, while for excellence of table quality it is without a peer. They grow very large, in fact there are scarcely any small ones. This potato has made a great sensation among growers owing to its enormous productiveness and superior qualities. Per lb 25c, postpaid; 3 lbs 50c, postpaid; peck 60c; bush \$1.50, carriage extra.



Maule's Early Thoroughbred Potato.

CARMAN NO. 3

It is of the shapeliest form, and even in drouthy seasons its perfect shape is retained. Without any exception, it is one of the *greatest yielders ever introduced*. It may fairly be claimed that it does not yield any small tubers at all in ordinary seasons. It bears its tubers very close to the plant, a single turn of the fork turning out every potato. It is of the *largest size*, the tubers usually *averaging in weight a pound each*. It is a perfect keeper. Both skin and flesh are of extreme whiteness.

The foliage is heavy and of a dark green color, and the vines are always strong and vigorous. The tubers set while the plants are quite small, but do not ripen until late. This gives all the advantages of continuous growth for the entire season, making it very valuable for the main field crop.

Price per lb 25c, 3 lbs 50c, postpaid; peck 75c, bush \$2.00, carriage extra.

THE EARLY ST. GEORGE

The potatoes are uniformly of good size, entirely free from rough or scabby tubers, with very few small ones; oblong in shape, very smooth, eyes well set on the surface, skin creamy white, slightly shaded with pink; the flesh is pure white, remarkably fine grained, and of the very best table quality. The tubers grow very compact in the hill, with strong and vigorous foliage of an intensely dark green; it is a sure cropper, *immensely productive*.

They grow with us very smooth and are first-class in quality, and, we believe, will retain their quality on a greater variety of soil, and keep longer in spring than any other early on the market.

One of our customers, who tested this variety for us last spring, says it is the best potato for eating he has ever tried, and he has nearly all our leading varieties.

Price per lb 15c, 3 lbs 50c, postpaid; peck 60c, bush \$1.50 carriage extra.

GREAT DIVIDE

A *splendid variety for main crop*. Tubers long and handsome, with white netted skin, and *very smooth*, the eyes being remarkably shallow; vine very large and strong, with plenty of branches, and very thick, dark green foliage; tubers close in the hill, quite numerous and all good sized, with *no prongy ones*; in yield one of the best; season medium late. The quality is far superior to that of Burbanks, and so is the yield.

Price per lb 25c, 3 lbs 50c, peck 60c, bush \$1.50.

POTATO EYES BY MAIL

Everyone knows the heavy expense attached to sending whole potatoes long distances by express or freight, the *charges often costing more than the potatoes*. The eyes as put up by us are in as good condition for growing as if freshly cut from the potato, and will produce just as good a crop as if the whole potatoes were planted; hence, every one who has a garden can order at any time during the winter or early spring and save express or freight charges, as we *Guarantee* safe arrival at any post office in Canada. We offer four varieties this season, as follows:

25 Eyes, Carman No. 1, 25c.

25 Eyes, Carman No. 3, 25c.

25 Eyes, The St. George, 25c.

25 Eyes, Great Divide, 25c.

Received Seeds and Bulbs in good order. Many thanks for your promptness and care.

West Bay, Cape Breton, N.S.

APRIL 3RD, 1896,

P. A. NELSON.

Selected Seed Potatoes

(Continued)

The Freeman—The great merits of this variety are its *extreme earliness and long keeping qualities*. It is also a *first-class yielder*, frequently producing six to nine pounds from a single hill. The tubers are oval in shape, russet in color; flesh very white, both raw and when cooked, fine grained and of the best flavor. Price per lb, 15c, 3 lbs for 40c, (postpaid), pk 50c, bush \$1.25, bbl \$2.75.

Maggie Murphy—It is a rose-colored potato of the Rose Seedling. Grows *very large*, with rather deep eyes, although it is better in this respect than most varieties of the type. We have grown Maggie Murphy two seasons and like it the best of all the varieties we have tried of that style. It is a great drouth resister, a very strong, rank grower, and a *tremendous yielder of big potatoes*. Price per lb 20c, 3 lbs 50c, postpaid; pk 50c, bush \$1.25, carriage extra.

Burpee's Extra Early—Very early and productive, tubers of good size, very smooth, fine, uniform oblong shape, growing very compactly in the hill, with eyes set well on surface, skin white, slightly shaded pink, flesh pure white, of very fine grain, vines strong and vigorous, of dark green color. Per lb 15c, 3 lbs 40c, postpaid; peck 40c, bush \$1.25, bbl \$2.50.

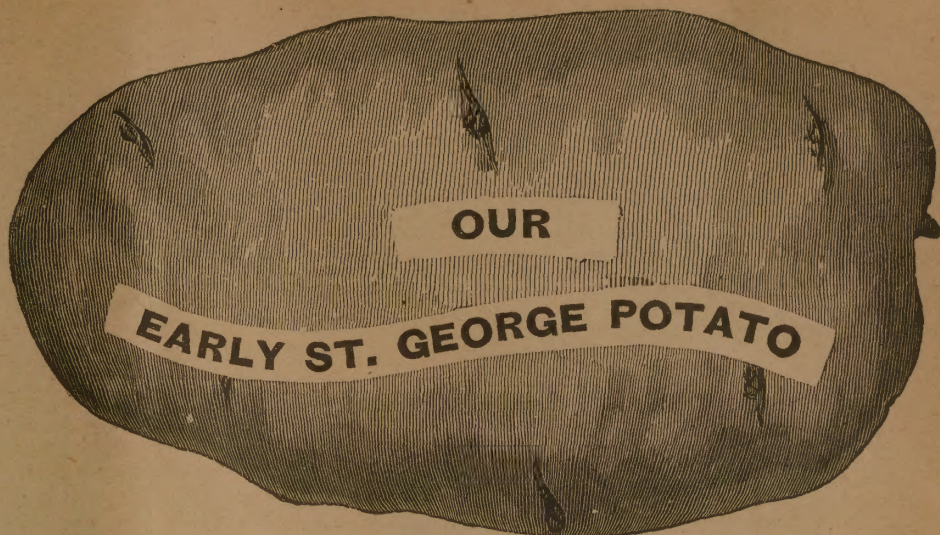
Rural New Yorker No. 2—It is very large and unusually smooth, with few and shallow eyes; in form oblong inclining to round, and rather flattened; the skin is white, as is the flesh, which is of superior quality. In maturity the variety is intermediate, and its solidity and vigor are such that it has rotted less in very wet seasons than any of the numerous sorts grown with it. Per lb 15c, 5 lbs 50c, postpaid; peck, carriage extra, 40c, bush \$1.25, bbl \$2.50.

The Thorburn—Earliest and best of all productive sorts. A seedling of Beauty of Hebron, which it resembles; quality is unsurpassed. Per lb 15c, 5 lbs 50c, postpaid; peck 40c, bush \$1.00, bbl \$2.25.

The Early Sunrise—Very early, tubers oblong, large, solid and handsome, flesh white, fine grained and dry, cooking well even when first dug, very productive and of fine keeping qualities, ripens about eight weeks after planting. Per lb 15c, 5 lbs 50c, postpaid; peck 40c, bush \$1.25, bbl \$2.75.

Early Puritan—A first-class early potato of handsome, oblong shape, flesh pure white, matures with the Early Rose. Per lb 15c, 3 lbs 40c, postpaid; peck 40c, bush \$1.75, bbl \$2.50.

American Wonder—The tubers are white, large and uniform in size, elongated, slightly compressed, with few eyes that are nearly flush with the surface. In quality nothing can surpass this superb variety; either baked or boiled it is dry and floury, and has a rich, sweet flavor. In addition to its many other excellent qualities we can strongly recommend it as being the nearest approach to a blight and rot proof potato of any ever offered. Per lb 15c, 5 lbs 50c, postpaid; peck, carriage extra, 50c, bush \$1.25, bbl \$2.75.



Crown Jewel—A seedling of the Early Ohio, and partakes of the excellent qualities of that fine variety, skin white and smooth, eyes shallow but strong, flesh pure white and floury. Per lb 15c, 5 lbs 50c, postpaid; peck 50c, bush \$1.25, bbl \$2.75.

The IXL—A late variety and heavy cropper. Per lb 15c, 5 lbs 50c, postpaid; peck 40c, bush \$1.25, bbl \$2.75.

MARCH 25TH, 1896.

I have this day received in good condition the Seeds, and thank you very much for the care you took in packing them.

WM. SMITH,
Petrolia, Ont.

CONCAVE

SEED POTATO KNIFE

Price, 35 cents, postpaid

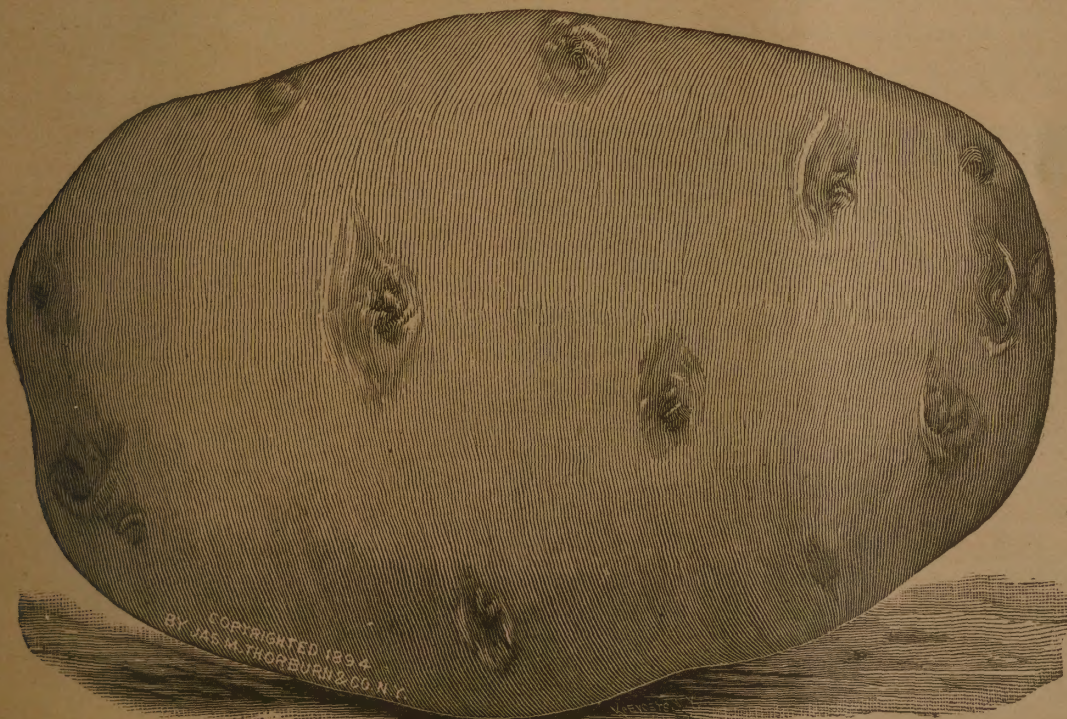
POTATO SEED

We have a quantity of very choice Potato Seed from the flower ball (the true seed), which we are pleased to offer to our customers who would try to raise a new kind of potato. Plant in fairly rich soil when it is time to plant Indian Corn; keep clear of weeds and give them good cultivation. Per pkt 25c; one pkt free with every \$5.00 potato order, when mentioned on order.

The Lightning Potato Eye Cutter

Does the work many times faster and is more accurate than the knife. It is gauged to cut enough flesh with each eye to strengthen and vitalize it, and does the work in a scientific manner. No matter how small a crop you intend to plant you should use this cutter. Full directions how to plant Potatoes cut to one Eye, and valuable points in Potato Culture, "by a Practical Potato Grower," given with each cutter.

Price 30c., Postpaid



Carman No. 3—Potato

SIMMERS' VEGETABLE and FLOWER GARDEN

Is a neat little book, giving full and explicit directions how to grow Vegetables and Flowers. Price 15c, or, when asked for, free with every order for Vegetable or Flower Seeds amounting to \$1.00 or more. **See our Premiums on Order Sheets.**

RHUBARB OR PIE PLANT**GERMAN—RHUBARBER. FRENCH—RHUBARBE.***One ounce will produce about 500 plants.*

CULTURE—Sow in April in drills one inch deep and one foot apart; when the plants are three or four inches high, thin out to ten inches apart, and cultivate well during the season; in fall or following spring transplant into hills about three feet apart each way. The soil must be very deep and heavily manured. Give a top dressing of manure every fall.

Johnston St. Martin—It is immensely productive, one of the earliest, and has a rich, spicy flavor very similar to the gooseberry when used for pies. Price, per pkt 5c, oz 25c, 2 oz 40c, 1 lb 75c, lb \$3.00.

Myatt's Linnæus—One of the best for family use, thin skin, very early and productive. Pkt 5c, oz 25c, 2 oz 40c, 1 lb 75c, lb \$3.00.

Victoria—Similar to the preceding, but more acid and productive. Pkt 5c, oz 25c, 2 oz 40c, 1 lb 75c, lb \$3.00.

Roots of the above—Each 20c, 3 for 50c, per doz \$1.75, postpaid.

SPINACH**GERMAN—SPINAT. FRENCH—EPINARD.***One ounce will sow 100 feet of drill; 10 lbs for one acre.***Large Leaved Giant Flanders**

CULTURE—A well known esculent, and of the easiest culture in any rich ground. Sow in drills one inch deep and one foot apart; the summer varieties in April for summer use, and the winter varieties in August or September for winter or spring use.

Victoria Improved Round Spinach—The foliage is heavy, the broad, dark green leaves being of the true Savoy

appearance and of the finest quality, but the most remarkable feature that will make it of special value, both for market and family gardens, is the fact that it was in prime condition from two weeks to three weeks after all other varieties of Spinach had run to seed. Per pkt 5c, oz 10c, 2 oz 15c, 1 lb 20c, lb 30c.

Extra Large Leaved or Giant Flanders—A splendid variety with leaves much larger and broader than any other variety, round thick and fleshy, dark green. Pkt 5c, oz 10c, 2 oz 15c, 1 lb 20c, lb 30c.

Round Leaf or Summer—The main market sort, equally good for either fall or spring sowing. Pkt 5c, oz 10c, 2 oz 15c, 1 lb 20c, lb 30c.

Long Standing—Except in the characteristic of standing a long time before running to seed, this variety in all other respects closely approaches the well-known Round Leaf. Pkt 5c, oz 10c, 2 oz 15c, 1 lb 20c, lb 30c.

Prickly or Fall—Stands well in winter, but gives less bulk per acre than the Round leaf. Pkt 5c, oz 10c, 2 oz 15c, 1 lb 20c, lb 30c.

Bloodsdaile Large Curly, Savoy Leaved—New and excellent, tender and fine flavored. Pkt 5c, oz 10c, 2 oz 15c, 1 lb 20c, lb 30c.

Large Mountain Orach, or French Spinach—Cultivated and used like Spinach. Pkt 5c, oz 20c, 2 oz 35c, 1 lb 60c, lb \$1.50.

Perennial (Rumex Patientia)—Sown in spring and fit for use in autumn; quite hardy. Pkt 5c, oz 10c, 2 oz 15c, 1 lb 20c, lb 30c.

New Zealand (Tetragonia), perennial—Fit for use the first year, must be slightly protected during winter. Pkt 5c, oz 20c, 2 oz 35c, 1 lb 60c, lb \$1.25.

SALSIFY OR VEGETABLE OYSTER**GERMAN—BOCKSBART. FRENCH—SALSIFIS.***One ounce will sow 50 feet of drill.***Mammoth Sandwich Island Salsify.**

CULTURE—The directions for sowing and cultivating Carrots, given on page 8, apply also to Salsify. From its resemblance in flavor to oysters it derives its name. Soak the seed before sowing in warm water for 12 hours.

Mammoth Sandwich Island—This variety is of enormous size, twice that of the ordinary Long White; pure white, very tender and delicious; invaluable for the market garden. Pkt 5c, oz 20c, 2 oz 35c, 1 lb 60c, lb \$1.75.

Long White—The standard variety. Pkt 5c, oz 15c, 2 oz 25c, 1 lb 40c, lb \$1.50.

SQUASH**GER.—Speisekürbisse. FR.—Courge.***One ounce will plant 50 hills.*

CULTURE—Prepare the hills the same way as directed for Cucumbers, on page 12; the bush varieties should of course, be planted closer together than those with long vines.

SUMMER VARIETIES

Long Island White Bush Squash—A selection of the old white Bush Scallop, and a vast improvement, having less prominent ridges and being much deeper, so that a single squash would actually contain nearly twice as much weight as the old sort. In addition to this, it is of finer quality and very prolific. Pkt 10c, oz 20c, 2 oz 35c, 1 lb 60c, lb \$2.00.

Vegetable Marrow, English—Well-known variety, oblong, skin greenish yellow, flesh white, rich flavor. Pkt 5c, oz 15c, 2 oz 25c, 1 lb 40c, lb \$1.50.

Long White Bush Vegetable Marrow. A decided improvement on the old trailing vegetable marrow; the fruit is larger, handsomer, more ribbed or fluted, and of strictly bush form. Pkt 5c, oz 15c, 2 oz 25c, 1 lb 40c, lb \$1.50.

Perfect Gem, excellent both for summer and winter use, wonderfully productive. Pkt 5c, oz 10c, 2 oz 15c, 1 lb 30c, lb \$1.00.

Summer Crookneck—Early, productive and good quality, fruit orange yellow. Pkt 5c, oz 10c, 2 oz 15c, 1 lb 30c, lb \$1.00.

Bush Scallop—Yellow and white. Pkt 5c, oz 10c, 2 oz 15c, 1 lb 30c, lb \$1.00.

Warted Marrow—Pkt 5c, oz 15c, 2 oz 25c, 1 lb 40c, lb \$1.50.

WINTER VARIETIES

Marblehead—Flesh lighter in color than the Hubbard, while its combination of sweetness, dryness and delicious flavor is something really remarkable. Pkt 5c, oz 10c, 2 oz 15c, 1 lb 30c, lb \$1.00.

The Faxon Squash—The flesh is a deep orange yellow, cavity small and seeds few; the special peculiarity, however, is that while uncooked it appears to have a shell like any squash, when cooked there is practically none, the shell or inedible part being only about as thick as a sheet of writing paper. It is the best squash we ever tasted—sweet and very dry—and for squash pies must be tried to be appreciated. Pkt 5c, oz 15c, 2 oz 25c, 1 lb 40c, lb \$1.50.

Delicata Squash—Color of this variety is orange yellow, splashed and striped with very dark green. The quality is splendid, being rich and dry, similar in this respect to the well-known Fordhook Squash. Pkt 5c, oz 15c, 2 oz 25c, 1 lb 35c, lb \$1.25.

Essex Hybrid—Rich flavored, fine grained and sweet, flesh very thick, rich colored and solid; very early. Pkt 5c, oz 10c, 2 oz 15c, 1 lb 30c, lb \$1.00.

Boston Marrow—Fine large and sweet; it keeps well in winter, and will boil dry as a potato. Pkt 5c, oz 10c, 2 oz 15c, 1 lb 30c, lb \$1.00.

Hubbard—Best variety for keeping through the winter, and one of the finest flavor. Pkt 5c, oz 10c, 2 oz 15c, 1 lb 30c, lb \$1.00.

Bay State—Extremely solid, heavy weight, fine and dry flesh, sweet flavor, beautiful golden yellow, very handsome; shell extremely hard and flinty, and excellent keeper. Pkt 5c, oz 10c, 2 oz 15c, 1 lb 30c, lb \$1.00.

Pike's Peak, or Sibley—Skin smooth and thin and of a pale-green color; flesh thick, solid; vivid orange in color; very dry of fine grain and delicate flavor. Pkt 5c, oz 10c, 2 oz 15c, 1 lb 30c, lb \$1.00.

Fordhook—The flesh is dry and sweet, of best quality. In a cool, dry room it keeps in perfect condition till late in June, when summer squashes are ready. (See cut.) Pkt 5c, oz 15c, 2 oz 25c, 1 lb 35c, lb \$1.25.

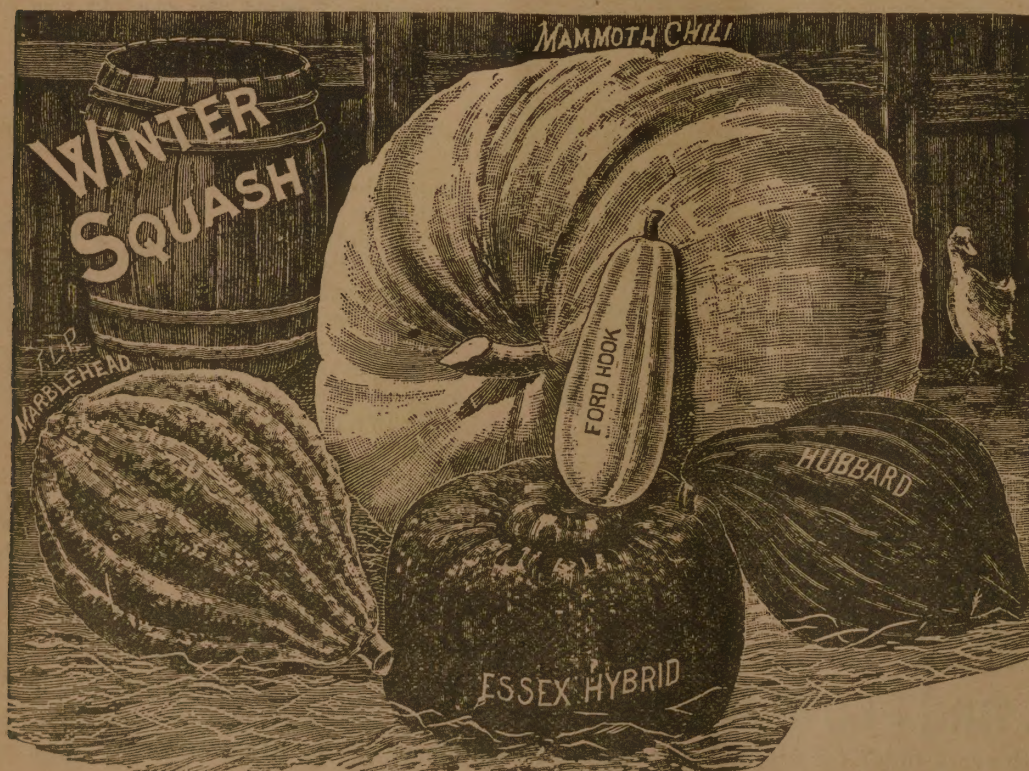
Large Mammoth Yellow Chili—Grows to an immense size, often weighing 200 lbs; excellent for all uses. Pkt 5c, oz 15c, 2 oz 25c, 1 lb 40c, lb \$1.50.

LARGE MAMMOTH WHALE—Green-skinned, growing to an immense size. Pkt 5c, oz 15c, 2 oz 25c, 1 lb 40c, lb \$1.50.

MARCH 7TH, 1896.

The trial seeds were received from you last spring, and were first-class. The Spinach and Lettuce and Cucumber were splendid. Many thanks for all. **ANDREW NOXEL,**
Port Colborne, Ont.

REMEMBER—A yearly subscription to "American Gardening," a weekly journal, goes with every Five Dollar (\$5.00) order of vegetable or flower seeds, plants or bulbs, not including collections or special offers.



One packet of each of the above, as illustrated, 20c., postpaid.

TOMATO

German—Liebesapfel.

French—Tomate.

*One ounce will produce 1,000 plants.

CULTURE.—Sow in a hot-bed, green-house or window in a sitting-room, where night temperature is not less than 60 degrees, about the first week in March, in drills about 5 inches apart and half an inch deep. When the plants are about 2 inches high they should be set out in boxes three inches deep, 4 or 5 inches apart, in same temperature, or removed into small pots, allowing a single plant to a pot. They are sometimes transplanted a second time into larger pots, by which process the plants are rendered more sturdy and branching. About the middle of May, in this latitude, the plants may be set in the open ground. They are planted for early crops on light, sandy soil, at a distance of three feet apart, in hills in which a good shovelful of rotted manure has been mixed. On heavy soils, which are not suited for an early crop, they should be planted four feet apart. Water freely at the time of transplanting, and shelter from the sun a few days until the plants are established.

"NEW IMPERIAL"—For description see Novelties and Specialties. Per pkt 10c, 3 pkts 25c, oz 50c.
FORDHOOK FIRST—A perfectly smooth, solid tomato of first-class appearance, it is also extremely early, ready to market as soon as the rough fruits of the old early Richmond type. We recommend Fordhook First as a good general purpose variety. Per pkt 10c, 3 pkts for 25c, oz 50c.

Livingston's Aristocrat—This fine early variety in habit of growth and foliage resembles the "Dwarf Champion" very much and might be taken for that popular variety if it were not for the color of its beautiful rich, glossy red fruit, so much preferred in many localities to the purple or rose-colored varieties. The size, solidity, productiveness, smoothness, flavor of its fruit, etc., are up to the present day standard of excellence. It will be found especially desirable for forcing under glass and growing outside for early market purposes. It is smooth and round, and its delicate tinted coat so glossy, that it is entitled to the name "Aristocrat." Price 10c per pkt, 3 pkts for 25c, oz 50c.

Table Queen—As large as the Mikado, but perfectly smooth and round; for slicing it is the tomato *par excellence*, as it is wonderfully solid and contains comparatively few seeds. The color of the "Table Queen" is a rich shade of crimson, and of a most agreeable acid flavor. Per pkt 5c, oz 30c, 2 oz 55c, 1 lb \$1.00, 1b \$3.00.

Livingston's Royal Red—It is a first-class main crop variety for the shipper, marketer and private gardener, and no essential point is lacking. Wherever **Royal Red** has been exhibited it has easily carried off the **Red Ticket**, and everybody was attracted by its **vivid red color** and handsome general appearance, even when shown with collections of forty and fifty other kinds. Per pkt 5c, oz 30c, 2 oz 55c, 1 lb \$1.00, 1b \$3.00.



New Imperial Tomato

Ignotum—A variety worthy of general cultivation. The fruit is very uniform in size and shape, rather flat and bright red in color. It is very prolific, and though not (as some claim) a first early variety, it is valuable in all other respects. Per pkt 5c, oz 30c, 2 oz 55c, 1 lb \$1.00, 1b \$3.00.

Early Ruby—The great value of this variety lies in the fact that it is by far the earliest of all the large-sized Tomatoes which combine good form, rich crimson color and solidity. Per pkt 5c, oz 30c, 2 oz 55c, 1 lb \$1.00, 1b \$3.00.

The "Mikado"—The Mikado differs from all others in its immense size—the tomatoes are produced in immense clusters, and are perfectly solid. The color is purplish red. Whether for slicing or for cooking purposes the quality is most excellent. Per pkt 5c, oz 30c, 2 oz 55c, 1 lb \$1.00, 1b \$3.00.

Peach—Very distinct; fruit of uniform size, resembling a peach in shape, size, bloom and color, which is a deep orange rose. Per pkt 10c, oz 50c, 2 oz 80c.

Volunteer—An early Tomato, of attractive color and uniformly good size. Perfect form, a continuous bearer; ripens well to the stem, entirely free from hard core. Pkt 5, oz 30c, 2 oz 55c, 1 lb \$1.00, 1b \$3.00.

Dwarf Champion—Growth is dwarf, self-supporting when laden with fruit; very early; the fruit resembles the Acme, is smooth and symmetrical in form. Pkt 5c, oz 30c, 2 oz 55c, 1 lb \$1.00, 1b \$3.00.

Ponderosa—Possesses every good quality in a tomato. Its massive or ponderous fruits are almost perfect in form, and free from ridges. Per pkt 5c, oz 35c, 2 oz 60c, 1 lb \$1.00, 1b \$3.00.

Beauty—A very fine variety, very early, and derives its name from its beautiful shape, which is perfectly smooth; very productive. Per pkt 5c, oz 30c, 2 oz 55c, 1 lb \$1.00, 1b \$3.00.

Mitchell's No. 1—A variety of Canadian origin, very prolific, early and of good color and shape; highly recommended. Per pkt 5c, oz 50c, 2 oz 80c, 1 lb \$1.50, 1b \$4.00.

Early Conqueror—An improved variety, of dwarf growth, very good bearer, fruit smooth and in clusters; ripening somewhat earlier than any other kind. Per pkt 5c, oz 30c, 2 oz 55c, 1 lb \$1.00, 1b \$3.00.

The Buckeye State—In solidity and meatiness it has no equal, while in luscious quality none surpass it. The color is much the same as Beauty, but of a somewhat darker and richer shade. Per pkt 10c, 3 pkts for 25c, oz 50c, 2 oz 80c, 1 lb \$1.50, 1b \$4.00.

The Stone—Fruit very large, bright scarlet, very smooth, ripening evenly to the stem without a crack; exceedingly solid and firm fleshed. One of the best. Selected seed. Per pkt 5c, oz 30c, 2 oz 55c, 1 lb \$1.00, 1b \$3.

Trophy, Simmers' Selected—Good for home and market use, has long been a favorite. Per pkt 5c, oz 30c, 2 oz 55c, 1 lb \$1.00, 1b \$3.00.

Perfection—Per pkt 5c, oz 30c, 2 oz 55c, 1 lb \$1.00, 1b \$3.00.

Canada Victor—Per pkt 5c, oz 30c, 2 oz 55c, 1 lb \$1.00, 1b \$3.00.

Early Mayflower—Per pkt 5c, oz 30c, 2 oz 55c, 1 lb \$1.00, 1b \$3.00.

Optimus—Per pkt 5c, oz 30c, 2 oz 55c, 1 lb \$1.00, 1b \$3.00.

Favorite—Per pkt 5c, oz 30c, 2 oz 55c, 1 lb \$1.00, 1b \$3.00.

Early Acme—Per pkt 5c, oz 30c, 2 oz 55c, 1 lb \$1.00, 1b \$3.00.

Yellow Varieties

Golden Queen, Large Smooth Yellow—Excellent flavor and sweet. Very productive. Per pkt 5c, oz 30c, 2 oz 55c, 1 lb \$1.00, 1b \$3.00.

Yellow Peach—Very distinct, fruit of medium size, resembling a peach in size, shape and bloom, color yellow. Per pkt 10c, oz 50c.

Preserving Varieties

Small Yellow Cherry—For preserving. Per pkt 10c, oz 50c.

Yellow Plum—For preserving. Per pkt 10c, oz 50c.

Small Red Cherry—For preserving. Per pkt 10c, oz 50c.

Strawberry, or Ground Cherry (*Physalis Alkekengi*)—Excellent for preserves. Per pkt 10c, oz 60c.

Barbadoes Gooseberry or Mexican Tomato—Fruit is round and of a rich, orange, yellow color, enclosed in a capsule. Per pkt 10c, oz 50c, 2 oz 75c.

New Book.—"Livingston and the Tomato." Practical instructions to Growers. Contains 176 pages, \$1.00.

"Tomato Culture in Canada." By S. H. Mitchell. Price 15c. Postpaid.



One ounce will sow 150 ft. of Drill
One pound will sow an Acre . . .

TABLE TURNIPS

German—Weisse Rueben
French—Navet

For Field Turnips see "Agricultural and Farm Seeds," page 28.

CULTURE.—For early use, sow as soon as the ground can be worked in the spring, in drills 15 inches apart, and thin to 8 inches apart as soon as plants are large enough to handle. For succession sow at intervals of a fortnight until the last week of July, from which time until the end of August sowings may be made for main and late crops. The sowings should always be done just before rain if possible, as the success of the crop in a great measure depends upon quick germination and a rapid and free growth at first.

"Simmers'" Early Melting Swede—An excellent distinct variety, particularly suited for garden culture on account of its flavor, fine form and rich golden yellow color. This variety is claimed by all market gardeners and private gardeners to be the finest grained, best keeping table Swede turnip in cultivation. Per pkt 5c, oz 10c, 2 oz 15c, 1 lb 20c, 1 lb 50c.

Extra Early Milan—A strap-leaf variety, a week earlier than the ordinary early sorts. It retains its good qualities and remains a long time fit for use. The bulbs are white, with a purple top, round, flattened and solid, with a very slender tap root; flesh pure white, sweet and crisp. Per pkt 5c, oz 10c, 2 oz 15c, 1 lb 25c, 1 lb 80c.

AMERICAN BREADSTONE—This is a new and most desirable table turnip, the roots are of medium size, very quick growing and quite smooth, white with faint colored top. The flesh is perfectly white, fine-grained, and cooks in only fifteen minutes, tender and sweet, it is the finest turnip for winter and spring use we have ever seen. Per pkt 5c, oz 10c, 2 oz 15c, 1 lb 25c, 1 lb 80c.

Early Golden Ball, or Orange Jelly—A rapid grower, excellent flavor, globe shape. Per pkt 5c, oz 10c, 2 oz 15c, 1 lb 20c, 1 lb 60c.

White Milan—Per pkt 5c, oz 10c, 2 oz 15c, 1 lb 25c, 1 lb 80c.



GOLDEN BALL

Early Snowball—Small, solid, sweet, crisp and very early. Per pkt 5c, oz 10c, 2 oz 15c, 1 lb 20c, 1 lb 60c.

White Flat Dutch—An excellent variety, the best for spring sowing. Per pkt 5c, oz 10c, 2 oz 15c, 1 lb 20c, 1 lb 60c.

White Stone—An early garden variety, clear white, medium size, delicate flavor and quick growth. Per pkt 5c, oz 10c, 2 oz 15c, 1 lb 20c, 1 lb 60c.

Red Top, Strap-Leaved—Fine grained and of buttery flavor, the best for market gardens. Per pkt 5c, oz 10c, 2 oz 15c, 1 lb 20c, 1 lb 60c.



Red Top, Strap-Leaved Turnip

SCORZONERA, or Black Oyster Plant

One ounce will sow 50 feet of drill.

CULTURE.—Cultivated the same as carrots or salsify. The outer rind of the roots being scraped off, they are steeped in water to abstract a part of its bitter flavor. They are then boiled or stewed in the manner of carrots or parsnips. Per pkt 5c, oz 20c, 2 oz 35c, 1 lb 60c, 1 lb \$2.00.

TOBACCO

Connecticut Seed Leaf—Seed offered has been saved from selected plants. Per pkt 5c, oz 40c, 2 oz 75c, 1 lb \$1.00, 1 lb \$3.00.

Virginian Seed Leaf—Seed offered has been saved from selected plants. Per pkt 5c, oz 60c, 2 oz \$1.00, 1 lb \$1.50, 1 lb \$3.50.

WINTER CHERRY

For sowing and cultivating observe the directions given for Pepper on page 18. The fruit of the plant, which is a berry enclosed in an inflated calyx, is eaten as a common fruit in some countries, and is particularly pleasant for tarts. Per pkt 10c.

SEA KALE

One ounce will produce about 300 plants.

CULTURE.—Cultivated for its blanched shoots, which are cooked as asparagus. A supply may be had all winter by planting the roots closely in a warm cellar before frost. Sow one inch deep, in drills two feet apart, thin out to six inches, and the next spring plant in hills three feet apart. As this vegetable is only used when blanched, like celery, the plants must be excluded from the light by covering up with leaves or litter.

Seed—Per pkt 5c, oz 25c, 2 oz 40c, 1 lb 75c, 1 lb \$3.00.

Roots of the above—Each 25c, doz \$2.50.

STACHYS AFFINIS (Chinese Artichoke, or Vegetable Whitebait)

Cooked like Whitebait it is said to be a most excellent substitute for that popular dish, the bulbs taste much like the tuber of an artichoke, and are good cooked in a variety of ways, fried, roasted, baked, etc., but are particularly valuable for stock, owing to their enormous productiveness. They yield a bushel of tubers to every ten feet of row. Like parsnips and artichoke they are best if left in the ground till spring. Fine tubers 10c per doz, 50c per 100, \$1.00 per 1000.

HERB SEEDS SWEET, POT AND MEDICINAL

A few pot and sweet herbs [for flavoring soups, etc.] are indispensable to every garden, while some of the medicinal herbs will also be found very useful. Herbs in general love a mellow and free soil, and care should be taken in properly harvesting them in a dry state. The chief points are to cut them on a dry day when not quite in full blossom, and to dry them quickly in the shade in a secure place, and when dry to pack them close in dry boxes or vessels, keeping them entirely excluded from the air.



MAMMOTH SAGE PLANTS

The plants are very strong growing, the first season attaining 1 foot in height and spreading so that a single plant covers a space of 3 feet. The leaves are borne well above the soil, keeping them clean; they are very large and of unusual substance, strong in flavor and of superior quality. A single plant yields more than a dozen plants of the common sage; perfectly hardy, it rarely flowers and never runs to seed. Price, each 10c, 3 for 25c, 7 for 50c, postpaid.

Anise—Used for cordial, garnishing and flavoring; the seeds have an agreeable aromatic taste. Per pkt 5c, oz 20c, 1 lb 35c, 1 lb \$1.25.

Balm—The leaves have a fragrant odor, and are used in making a pleasant beverage known as Balm wine, also for Balm tea, for use in fevers. Per pkt 5c, oz 40c, 1 lb 75c, 1 lb \$2.50.

Basil Sweet—The leaves are used for flavoring soups, stews and highly-seasoned dishes. Per pkt 5c, oz 40c, 1 lb 75c, 1 lb \$2.50.

Borage—Leaves used for flavoring and flowers furnish bee pasture; most easily grown in any waste place. Per pkt 5c, oz 30c, 1 lb 75c, 1 lb \$2.50.

Caraway—Grown for the seeds which are extensively used for flavoring bread, pastry, soups, etc. Per pkt 5c, oz 10c, 2 oz 15c, 1 lb 25c, 1 lb 75c.

Catnip or Catmint—A useful herb, also grown for bee food. Per pkt 5c, oz 75c.

Coriander—The seeds form an important article of commerce; they are used in the manufacture of liquors, in confectionery and numerous culinary preparations. Per pkt 5c, oz 10c, 2 oz 15c, 1 lb 20c, 1 lb 40c.

Dill—The seeds have an aromatic odor and warm, pungent taste. They are used as a condiment and also for pickling with cucumbers. Pkt 5c, oz 20c, 1 lb 35c, 1 lb \$1.25.

Fennel Sweet—The leaves are ornamental: when boiled they are used in fish sauces. Per pkt 5c, oz 20c, 1 lb 50c, 1 lb \$1.75.

Horehound—The leaves are used for seasoning, and also in the manufacture of the popular cough remedy. Per pkt 5c, oz 40c, 1 lb 75c, 1 lb \$2.50.

Hop Seed—Per pkt 5c.

Hyssop—Perennial, 2 feet high. A useful herb. Per pkt 5c, oz 30c, 1 lb 75c, 1 lb \$2.50.

Lavender—An aromatic, medicinal herb. Pkt 5c, oz 30c, 1 lb 75c, 1 lb \$2.50.

Lemon Thyme—Perennial, 6 inches. Per pkt 10c, oz \$1.00.

Loveage—Perennial, 5 feet. Per pkt 5c, oz 20c, 1 lb 75c, 1 lb \$2.50.

Mint—Perennial, 1 foot high. Per pkt 10c.

Marjoram Sweet—The leaves and the ends of the shoots are highly esteemed for seasoning, both in summer and also dried for winter use. Per pkt 5c, oz 20c, 2 oz 40c, 1 lb 75c, 1 lb \$2.50.

Pennyroyal—The true pennyroyal is but little known. Besides its pleasant, agreeable odor and flavor it is well worth cultivating as a carpet plant. Per pkt 10c.

Peppermint—Per pkt 10c.

Rosemary—An aromatic, ornamental herb, of which the leaves are used for seasoning. Per pkt 5c, oz 75c, 1 lb \$2.50.

Rue—For medicinal purposes, good for fowl for the croup. Per pkt 5c, oz 50c, 1 lb 75c, 1 lb \$2.00.

Rampion—Perennial, 6 inches. Per pkt 5c, oz 30c.

Sage—The most extensively used of all herbs for seasoning and dressing; indispensable. Per pkt 5c, oz 20c, 2 oz 35c, 1 lb 60c, 1 lb \$2.00.

Sage, broad-leaved—Perennial, 1 foot. Pkt 5c, oz 20c, 2 oz 35c, 1 lb 60c, 1 lb \$2.00.

Sorrel—Perennial, 6 inches. Per pkt 5c.

Summer Savory—The leaves and flowers are extensively used for flavoring, particularly in soups and dressings. Per pkt 5c, oz 15c, 2 oz 25c, 1 lb 40c, 1 lb \$1.00.

Tansy—For medicinal use. Per pkt 5c, oz 50c.

Tarragon—A plant with numerous branching stems, bearing lanceolate leaves, possessing a very delicate, aromatic flavor, particularly valuable for seasoning, or in a green state for mixing with salads. Per pkt 10c.

Thyme—The leaves and young shoots are used for seasoning; a tea is also made of the leaves, which is a popular remedy for nervous headache. Per pkt 5c, oz 40c, 2 oz 60c, 1 lb \$1.00, 1 lb \$4.00.

Winter Savory—The leaves and young shoots are used for flavoring. Pkt 5c, oz 25c.

Wormwood—Used medicinally and is beneficial for poultry. Pkt 5c, oz 50c.

SIMMERS' VEGETABLE PLANTS

WELL GROWN THOROUGHLY HARDENED WELL PACKED
TRUE TO NAME

BY MAIL OR EXPRESS—PRICES ARE SUBJECT TO CHANGE.

The fact that these plants are all grown from choicest stocks of seeds, by an experienced market gardener, is sufficient recommendation as to the genuineness of the varieties. They can be shipped fresh and well packed at a day's notice. This is of the greatest importance to every planter. When Plants are to be Sent by Mail ADD POSTAGE at the rate of 25 cents per 100 to prices of Cabbage, Celery and Cauliflower, and 40 cents Per 100 to prices of Tomatoes.

	PER 50	PER 100	PER 1000		PER 50	PER 100	PER 1000
Cabbage, Early —Ready April 20th to 30th.				Cauliflower —Ready April 20th to 30th.			
Early Jersey Wakefield	\$0.40	\$0.75	\$1.50	Early Dwarf Erfurt	\$0.75	\$1.25	
Simmers' German Brunswick	40	75	4.50	Early Snowball	75	1.25	
Henderson's Early Summer	40	75	4.50	Cauliflower —Ready May 20th to 30th.			
Cabbage, Late —Ready June 1st.				Early Snowball	45	85	\$5.75
Simmers' German Brunswick	25	40	2.50	Demi-dur	30	50	4.00
Surehead	20	30	2.50	Le Normand	30	50	4.00
Savoy Drumhead	20	30	2.50	Pepper —			
Red Drumhead	25	40	2.50	Long Red	20	60	1.00
Celery —Ready June 1st.				Tomato —Ready May 15th to 30th. 1000 price on application.			
White Plume	50	1.00		Ignotum	25	60	1.00
Paris Golden Yellow	50	1.00		Mikado	25	60	1.00
Celery —Ready June 20th.				Dwarf Champion	25	60	1.00
Paris Golden Yellow	40	75	6.00	Table Queen	25	60	1.00
White Plume	40	75	6.00	Above varieties of Tomato Plants will be supplied after June 10th at	20	50	90
Simmers' Large Ribbed White	40	75	6.00				

WE SHALL BE PLEASED TO MAKE SPECIAL PRICES ON LARGE QUANTITIES

TREE SEEDS

DECIDUOUS and EVERGREEN, ORNAMENTAL
SHADE, FOREST, HEDGE and FRUIT.

"Trees can be as easily grown from seed as the most common vegetable."—Fuller.

CULTURE—Sow early in spring, in well prepared beds, about two inches deep; when the seeds begin to germinate cover the beds lightly with pine boughs to shade the young plants from the sun. When the plants are all up, the brush should be gradually removed, but replaced again before winter sets in. Let the plants remain in the beds for about two years, then transplant into rows two feet apart, leaving about twelve inches between each plant. Keep the ground clean, and when the plants are strong enough remove them to where they are intended to remain.

Apple Pips—Per oz 5c, 1 lb 15c, lb 50c.

Arbor Vita, American (*Thuja Occidentalis*). A small tree, about 30 feet high; popular for hedges, screens, etc. Per pkt 10c, oz 30c, lb \$2.75.

Barberry (*Berberis Vulgaris*)—One of the best hedge plants grown. It is very hardy, and forms a dense shrub of 4 to 8 feet high, covered with sharp, stout prickles. Per pkt 5c, oz 20c, 1 lb 50c, lb \$1.50.

Beech (*Fagus Ferruginea*)—A noble forest and shade tree of graceful habit. Wood hard and excellent for many mechanical purposes. Pkt 10c, oz 15c, lb \$1.00.

Black Thorn (*Prunus Spinosa*)—Pkt 5c, oz 10c, lb \$1.00.

Black Walnut (*Juglans Nigra*)—Grows rapidly in good rich soil. The nuts should be planted in the fall. Per lb 10c, postpaid 15c, peck 75c, bush \$2.00.

Catalpa, Hardy Western (*Catalpa Speciosa*)—A handsome shade and ornamental tree of tropical appearance. Foliage large and luxuriant. Flowers borne in large panicles late in the spring. In favorable locations it attains a height of 60 feet or more; it is a very rapid grower, is very hardy and has been tested up to 40 degrees north latitude. Wood very durable. Valuable tree. Per oz 10c, 1 lb 30c, lb \$1.00.

Honey Locust (*Gleditsia*)—A well known tree of ornamental and graceful appearance, extensively used for hedges. Per pkt 5c, oz 10c, lb 50c.

Maple, Sugar (*Acer Saccharinum*)—A beautiful, as well as a valuable, rapid growing tree, preferring a calcareous soil. Per pkt 5c, oz 10c, lb \$1.25.

Mountain Ash (*Pyrus Americana*)—Much cultivated for ornament, for which its fine foliage, clusters of white flowers and red berries eminently qualify it. Per pkt 5c, oz 10c, lb \$1.00.



Norway Spruce (*Abies Excelsa*)—A very popular hedge evergreen, extensively used for sheltering and screens. Per pkt 5c, oz 10c, lb \$1.00.

Osage Orange (*Maclura Aurantiaca*)—A well known hedge plant; native of the Southern States. Per pkt 5c, oz 10c, lb 60c.

Pear Seed—Per pkt 10c, oz 25c, lb \$2.50.

Pine, Austrian (*Pinus Austriaca*)—One of the most popular pines, being very hardy and ornamental. Grows very rapidly and to a great height. Per pkt 5c, oz 20c, 1 lb 60c, lb \$2.00.

Pine, Scotch (*Pinus Sylvestris*)—One of the most rapidly growing species of pines, very suitable for screens for the protection of orchards or buildings. Per pkt 5c, oz 20c, 1 lb 50c, lb \$1.50.

Pine, Sugar (*Pinus Lambertiana*)—This magnificent tree grows to the height of 300 feet, and endures the cold of the North-West without injury. Per pkt 10c, oz 50c, lb \$5.00.

Quince (*Cydonia Vulgaris*)—Small irregular trees, bearing an excellent fruit for preserves and jellies. Per pkt 5c, oz 20c, lb \$2.00.

Russian Mulberry—A variety of Mulberry brought by the Mennonites from Russia, and as it grows to the height of 30 feet in a few years, and stands the cold of the North-West, will no doubt become a standard for that country. Per pkt 10c, oz 35c, 1 lb 75c, lb \$2.50.

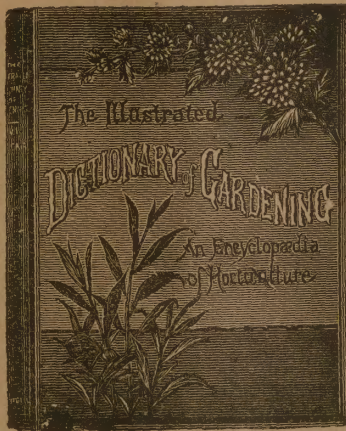
COLLECTION OF TREE SEEDS FOR 25 CENTS.

One packet each of Black Thorn, Honey Locust, Sugar Maple, Mountain Ash, Norway Spruce, Austrian Pine, Russian Mulberry. 7 pkt for 25c, by mail, postpaid.

AGRICULTURAL AND HORTICULTURAL BOOKS

All Books sent Postpaid on Receipt of Price

Art of Propagation. Treats of trees and plants	\$0.40
Allan's New American Farm Book	2.50
American Bird Fancier	.75
Asparagus Culture	.50
Barry's Field Notes on Apple Culture	1.00
Barry's Fruit Garden, new edition	2.00
Bee Keeping Explained, Quinby	1.00
Bulbs and Tuberous-rooted Plants, C. L. Allen	2.00
Cauliflowers, and How to Grow Them, Brill	.25
Cabbage, Treatise on, by J. H. Gregory	.30
Canadian Bee Journal, per annum	1.00
Celery for Profit, Grenier	.30
Cottam's Illustrated Book on Cage Birds	.25
Crops, Spraying, C. M. Weed	.25
Dairyman's Manual, Practical Treatise on the Dairy	2.00
Draining, Land, M. Miles	1.00
Egg Farm, revised and enlarged, Stoddard	.50
Farming for Boys	.75
Farming Conveniences, 200 engravings	1.50
Fern Book for Everybody	.75
Flax Culture	.40
Flower Bulbs and Their Culture, published by J. A. Simmers	.25
Fuller's Grape Culturist	1.50
Fuller's Small Fruit Culturist	1.50
Fungi and Fungicides, C. M. Weed, paper	.50
Garden and Farm Topics, by Peter Henderson. Fully illustrated; 244 pages	1.00
Gardening for Pleasure, new, revised and enlarged edition	2.00
Gardening for Profit, new, revised and enlarged edition	2.00
Gardening for Young and Old, by J. Harris	1.25
Greenhouse Construction, Prof. L. R. Taft	1.50
Handbook on the Grasses of North America. Treats on the origin and nature of every known variety of grass, and the best varieties to select for seeding down grass lands for pasture	2.50
Harris' Talks on Manures	1.75
Henderson's New Handbook of Plants. Contains about 1000 illust.	4.00
Heinrich's Window Flower Garden	.75
How the Farm Pays, by Peter Henderson. Profusely illus.; 400 pages.	2.50
How Crops Feed, Prof. S. W. Johnson	2.00



How Crops Grow, Prof. S. W. Johnson	\$2.00
Husmann's Grape Growing and Wine Making	1.50
Injurious Insects of the Farm and Garden	2.25
Insects and Insecticides, C. M. Weed	1.25
Johnson's How to Plant. A most useful little hand-book; illustrated	.50
Manures, How to Make and How to Use Them, F. W. Semple	1.00
Mushroom Culture, published by J. A. Simmers	.10
Mushroom Culture, by Robinson	.50
Mushrooms, How to Grow Them, by Falconer	1.50
Mangolds, Treatise on, by J. H. Gregory	.20
Money in the Garden, by P. T. Quinn. A practical work, illustrated	1.50
Onion Culture, New Method, by T. Grenier	.50
Onions, and How to Raise Them Profitably	.30
Ornamental Gardening, Long	2.00
Our Farm of Four Acres, and the Money we made by it	.30
Parsons on the Rose, new and revised edition	1.00
Peach Culture, Fulton	1.50
Pear Culture for Profit	1.00
Practical Forestry, by A. S. Fuller, cloth, illustrated	1.50
Practical Floriculture, Henderson	1.50
Profits in Poultry, and their Profitable management	1.00
Propagation of Plants	1.50
Roe's Play and Profit in my Garden	1.50
Saunders' Insects Injurious to Fruits	2.00
Silos, Ensilage and Silage, Miles	.50
Strawberry Culturist, illustrated	.25
Successful Floriculture, by a practical florist	1.00
The Illustrated Dictionary of Gardening, Nicholson's. A complete Encyclopedia of Horticulture, in 4 volumes, carriage extra	20.00
The "A.B.C." of Agriculture	.50
Vegetable and Flower Garden, published by J. A. Simmers	.15
Wallace's Notes on Lillies. An interesting and valuable book on the Lily, indispensable to bulb growers, illustrated, cloth, 215 pages	2.50
Your Plants. Plain and practical directions for the treatment of tender and hardy plants in the house and garden	.40

Agricultural and Farm Seeds

We hold a very large and carefully selected stock of Agricultural Seeds of the most reliable quality, and unequalled in Canada

CONDITIONS OF SALE—It is impossible for us to guarantee the crop in any way, as there are so many causes over which we can have no control that operate against the growth and productiveness of the seeds. We spare no expense and trouble in this matter, but all seeds bought from us must be on the condition that we give no warranty, expressed or implied, as to description, quality, growth, productiveness, or any other matter, of any seeds we sell; nor will we hold ourselves in any way responsible for the crop.

Add 4c per pound postage to all varieties of **Field Carrot, Beet, Mangel and Turnips.**

CARROTS = Field Varieties

SIMMERS' IMPROVED GIANT SHORT WHITE VOSGES

EVER since we first offered this carrot to our customers, it has rapidly grown in favor, till now we sell more of it than of all the other varieties put together. On its introduction we claimed it to be the equal, if not the superior, of every white field carrot then before the public, and it has certainly fully proved all we have said about it. It is of good shape, very broad at the shoulder, tapering to a point; its surface is very smooth, with few or no roots growing on the sides. In texture it is very fine, and in color pure white, with an excellent flavor. These are the individual points of the carrot. In addition it is a very heavy cropper, in fact it is by far the heaviest of any we have ever heard of, and on account of its shape and of its smooth skin it is easily harvested. The above is a true description of the carrot we offer as our Improved Giant Short White Vosges, and for its own qualities it should be grown by every one who wants a white field carrot. It is especially suitable for shallow soil. In shape it very much resembles the Oxheart, excepting that the roots grow more to a point. When other varieties require digging, our Improved Giant Short White Vosges can be pulled. Buy a pound and try for yourself, and you will not be disappointed. Oz 10c, $\frac{1}{4}$ lb 15c, lb 40c.

Large White Belgian—This attains the largest size, and will yield more in bulk than any other sort grown. The root is thick and long, growing from $\frac{1}{4}$ to $\frac{1}{2}$ of its length above the surface. The flesh is of a light green or bronze color above the soil, while that portion growing under ground is a yellowish white. Oz 10c, $\frac{1}{4}$ lb 15c, lb 35c.

Yellow or Orange Belgian—Color, pale orange. A good keeper. Oz 10c, $\frac{1}{4}$ lb 15c, lb 35c.

Improved Long Orange or Surrey—A standard late variety, handsome and uniform in shape, deep orange color, good flavor, yields heavily. It is of excellent table quality, and is highly nutritious for stock, increasing the flow of milk and improving its quality. Oz 10c, $\frac{1}{4}$ lb 15c, lb 40c.

Altringham—A long red variety profitably sown for field or general crop. Oz 10c, 2 oz 15c, $\frac{1}{4}$ lb 25c, lb 80c.

Scarlet Intermediate—Stump-rooted, valuable variety for shallow soils. Oz 10c, 2 oz 15c, $\frac{1}{4}$ lb 25c, lb 80c.

SUGAR BEETS

Field Varieties

Sow from the middle of April to the first of June, in drills two feet apart, then thin to nine inches in the row. Six pounds of seed per acre, average yield twenty to twenty-five tons per acre. For milch cattle they are most valuable.

Danish Improved Sugar Beet—Of this Beet Mr. J. Pedersen-Bjergaard writes us from Copenhagen as follows:

"This new variety is distinguished by its great productiveness in rich, deep soil in good cultivation, nearly approaching the standard varieties of Mangel Wurzel in yield of bulk (they standing closer than the Mangels), in connection with a high percentage of sugar and absence of deleterious salts, sometimes contained in Mangels in too great proportion. For fattening purposes and for feeding to milch cows, in cases where a liberal flow of rich, creamy milk is the main object (for better production), this variety of root is, where the proper soil is at disposal, especially to be recommended."

We need only add that it has done excellently in Canada. It is one of the cleanest and best beets for cattle feeding that we have. Per pkt 5c, oz 10c, $\frac{1}{4}$ lb 25c, lb 90c.

Wanzleben—In Europe this kind is cultivated on a larger scale than any other Sugar Beet. The root is conical, straight and even, quite large at the head and rapidly tapering. Easy to dig, is a heavier yielder, and contains from 13 to 15 per cent. of sugar. Pkt 5c, $\frac{1}{4}$ lb 15c, lb 40c.

Red Top Sugar—An excellent variety, growing to a very large size. $\frac{1}{4}$ lb 10c, lb 25c, 10 lbs 20c per lb.

White Silesian—A productive, hardy and symmetrically shaped variety. The foliage is abundant, standing erect, and admits of close cultivation. The root is slender, being about 3 to 4 inches in diameter at the shoulder, and tapers gradually to a point. Yields nearly 20 tons per acre, containing 8 per cent. of sugar. $\frac{1}{4}$ lb 10c, lb 25c, 10 lbs 20c per lb.

Improved Imperial Sugar Beet—The most popular sugar beet for feeding cows, sheep or swine. Yields as much as most Mangels, and contains 8 per cent. of sugar. Has yielded 30 to 40 tons per acre at a cost of 5 cents per bushel. $\frac{1}{4}$ lb 10c, lb 25c, 10 lbs 20c per lb.

On any order for Carrot, Mangel Wurzel or Turnip Seed amounting to One Dollar, we will, if requested include a copy of "Dairying for Profit," by Mrs. E. M. Jones; a very concise and useful work of Sixty-nine pages.



Simmers' Improved Giant Short White Vosges Carrot.





MANGEL WURZEL

GROWN FROM SELECTED ROOTS

If by Post add 4c per pound.

Mangels produce the largest roots and the largest crops on a given space of ground, and therefore cannot be too highly recommended, crops having been raised of 100 tons to the acre. Cows fed with these roots yield a large quantity of milk in consequence; and this food does not impart any of the rank flavor which is communicated by turnips. From 4 to 5 pounds of seed are sown to the acre.

Improved Mammoth Prize Long Red—(Also called Norbitan Giant and Jumbo Mangel). The heaviest cropper and best long Mangel. This mammoth variety grows to an immense size, single roots weighing from 20 to 30 lbs. each, and always of very fine texture and good quality. It is remarkable for the broad shoulder and massive shape of the root, by which a great weight is obtained, without coarseness. Henry Hodgson, a customer of ours, raised on one acre 55,750 lbs. of roots from seed purchased from us. Per $\frac{1}{4}$ lb 10c, 1b 20c, for 5 lbs and over, per lb 15c.

Long Red—The old popular variety, yielding heavy crops. Per $\frac{1}{4}$ lb 10c, 1b 20c, for 5 lbs and over, per lb 15c.

Champion Yellow Globe—This is one of the most generally grown of all the different varieties of Mangels, as it is very productive, easily pulled and an excellent keeper when stored in heaps for winter use. It is spherical in shape and an orange yellow color, the portion growing above the surface is tinged with green. The flesh of the root is yellow, firm and sugary. Per $\frac{1}{4}$ lb 10c, 1b 20c, for 5 lbs and over, per lb 15c.

Golden Flesh Tankard—This distinct variety is a most important addition to our list of roots for stock feeding, as it contains less water and more sugar than any other Mangel. The special features are the rich, deep yellow color of the flesh, and its nutritious and milk-producing qualities. In England where it is considered indispensable, large dairy farmers state that they are not only able to obtain a higher price per gallon for milk from cows fed on this Mangel, but also that the cows are in a much better condition fed on hay and Golden Tankard Mangel alone than if fed on hay, Yellow Globe Mangel and four pounds of linseed cake per day. Per $\frac{1}{4}$ lb 10c, 1b 20c, for 5 lbs and over, per lb 15c.

Mammoth Red Intermediate, or Red Oval-Shaped Giant—Very large and solid, fine grained variety, suitable for heavy ground, keeping as well as turnips during winter. Per $\frac{1}{4}$ lb 10c, 1b 20c, 5 lbs and over, per lb 25c.

Red Flesh Tankard—A very large and heavy cropper, with small top and single tap-root, very solid and nutritious. Per $\frac{1}{4}$ lb 10c, 1b 20c, for 5 lbs and over, per lb 15c.

Long Yellow—Similar in growth to Long Red, and considered by some growers sweeter in flavor and therefore preferred by cattle. Per $\frac{1}{4}$ lb, 10c, 1b 20c, for 5 lbs and over, per lb 15c.

Mammoth Yellow Intermediate or Mammoth Golden Giant—This entirely distinct Mangel, first introduced by us, is considerably larger than the Yellow Globe Mangel, and is a beautiful russet-yellow color. As shown in the illustration, it is remarkably even in shape, rather elongated and of vigorous growth; it has a fine neck, large leaves with green stems and a very smooth, fine skin. The flesh is white, firm and sweet, greatly relished by cattle. Altogether, it is a magnificent root, easily lifted (growing more than half above the ground), producing enormous crops, an excellent keeper. Per $\frac{1}{4}$ lb 10c, 1b 20c, for 5 lbs and over, per lb 15c.

Chicory

Chicory Seed should be sown in the spring in drills half an inch deep, and in good mellow soil; the after culture is the same as for Carrots. In the autumn the plants will be ready for blanching, when it is used as a salad. The principal use of Chicory, however, is to use with Coffee. The roots are cut and dried, and then roasted for adulteration with Coffee. One ounce of seed will sow about 100 feet of drill, and from two to three pounds an acre.

Large Rooted Long Magdeburg—Pkt 5c, oz 10c, 2 oz 15, $\frac{1}{4}$ lb 25c, 1b 60c.

FEB 26th, 1896.

I received the Seeds and they are satisfactory. Please accept thanks for the complimentary, with which I am much pleased.

Mrs. BAUMAN, Doon, Ont.

On any order for Carrot, Mangel Wurzel or Turnip Seed amounting to One Dollar, we will, if requested, include a copy of "Dairying for Profit," by Mrs. E. M. Jones; a very concise and useful work of sixty-nine pages.

Mangel Wurzel raised from our seeds have taken First Prize wherever shown, which speaks for the quality.

SIMMERS' SELECTED

TURNIP SEEDS

GROWN FROM SELECTED ROOTS

The following are the most popular standard English and other varieties, having for years given the greatest satisfaction to our numerous customers, being procured from the most reliable growers. The **Swedes** are sown from May until the middle of July; the **Aberdeens** and **Globes** from July to the latter part of August. If sown broadcast, from 1 to 2 pounds are required to the acre; and if sown in drills, from 2 to 4 pounds are required to the acre.

To the price of Turnip seed, when ordered by mail, add 4c. per pound for postage, and the seed will be sent at the prices quoted. Special prices on club orders, farmers' orders, or large orders for any variety of our Turnip seeds.

SIMMERS' CHAMPION PURPLE TOP SWEDE

THIS magnificent Swede, the result of judicious selection, is the hardiest, most productive and most nutritious variety in cultivation. It is a large purple-top yellow variety; slightly oblong, with single tap-root, free from coarseness of neck, and for uniformity of crop and keeping qualities is superior to all other Swedes. It produces a very heavy weight per acre, keeps sound and good until late in spring; flesh always rich and sweet in flavor. Per 1/4 lb 10c, 1 lb 25c, in 5 lb lots and over, 20c per lb.

ELEPHANT OR MONARCH—The reports received during past years from all sections of Canada pronounce this Turnip to be unequalled in size, quality and uniformly handsome appearance. The yield, compared with other well-known roots, have been from 2 to 6 tons per acre. In shape it is very distinct, being of the Tankard type. The crown of the bulb is a beautiful bright purple and the lower half deep yellow; the flesh is very solid and nutritious and there is an almost total absence of fibrous or fangy roots. During past seasons this variety has proven most satisfactory, so much so that we have every confidence in recommending Elephant or Modern Swede to the farmers of the Dominion. Price.. 10c 25c 20c

Ashcroft's Improved Purple Top—Of fine grain, solid and suitable for sandy ground as well as for heavy clay..... 10 20 15

Bangholm Improved Purple Top—Large and solid, should be sown on rather heavy loam. 10 20 15

Carter's Imperial—On properly prepared ground never failing to produce a heavy crop of well-shaped, solid roots..... 10 20 15



Elephant or Monarch Swede



Simmers' Champion Purple Top Swede

SWEDES—Continued

Drummond's Purple Top Swede—A selected Scotch variety of great excellence, globular in shape, large solid of finest quality.... 10c 25c 20c

East Lothian Purple Top—A favorite variety, solid and not liable to run to necks..... 10 20 15

Fettercairn Green Top—One of the oldest and most extraordinary heavy yielding varieties on rich loamy ground. 10 25 20

HIGHLAND PRIZE—A very heavy cropping Swede and an excellent keeper, the roots being of handsome oval shape, uniform size 10 20 15

Haszard's Green Top—Distinct variety; the flesh is firm and white, its hardy-keeping qualities are superior to most sorts, and adapted to either field or garden cultivation..... 10 25 20

Hartley's Bronze-Top—Oval-shaped bulbs, large and solid, small neck and single tap-root, rich in quality, productive and a good keeper 10 25 20

Hall's Westbury—A very fine quality of Swede, good keeper 10 20 18

Knowfield Purple Top—A large solid variety, of oblong shape and suitable for clay ground 10 20 15

King of the Swedes—Very much like the preceding variety, but somewhat more uniform in size 10 20 15

Laing's Improved Purple Top—A globe-shaped variety, with small top and tap-root, suitable for sandy ground. 10 30 25

Marshall's Purple Top—Large and very hardy, globe-shaped 10 20 15

Royal Norfolk Purple Top—A favorite variety with Norfolk growers, being a heavy cropper, very nutritious and a good keeper, one of the best..... 10 20 15

Sutton's Champion Purple Top—One of the heaviest yielding varieties and a general favorite 10 20 15

Skirving's Improved Purple Top—Large, of solid, strong and quick growth, suitable for clay soil..... 10 20 15

Sharpe's Improved Purple Top—A very heavy cropper, with small top, thin neck..... 10 20 15

Scottish Champion—Fine large roots, good for heavy soils 10 25 20

Shamrock Purple Top—Producing on well-prepared ground the heaviest and most uniform crop of well-shaped roots 10 20 15

White Giant Purple Top—A quite distinct sort, of enormous size, preferred by many growers to the yellow varieties 10 25 20

TURNIPS FOR FALL FEEDING (Yellow and White Varieties)

Aberdeen Purple Top Yellow—For sowing after the Swedes..... 10 25 20

Aberdeen Green Top Yellow—With green tops..... 10 25 20

White Globe—For sowing after the Aberdeen, late as Aug. 10 20 15

Red Globe Norfolk—Medium sized; should be fed early .. 10 20 15

Improved Purple Top Mammoth—A variety producing a greater weight per acre than any other turnip, fine shape, excellent for early feeding, keeps well in winter if sown late 10 20 15

Greystone—A white variety, sown as late as the preceding. 10 20 15



Greystone Turnip

REMEMBER—A yearly subscription to "American Gardening," a weekly Journal, goes with every \$5 order, exclusive of collections or special offers.

Simmers' "Champion Purple Top" and "Elephant or Monarch Swede" are standard varieties with Canadian farmers.

On any order for Carrot, Mangel Wurzel or Turnip Seed amounting to One Dollar, we will, if requested, include a copy of "Dairying for Profit," by Mrs. E. M. Jones; a very concise and useful work of Sixty-nine pages.

Rape or Cole

1 to 2 pounds per acre in drills; 4 to 6 pounds broadcast.

Large leaved English Sowing Rape, and "Dwarf Essex" Rape, are becoming more generally sown each succeeding year, and are of the most easily grown and useful crops we have. A field of Rape coming into use when the pasture is almost barren from continuous feeding and dry weather, is a boon to the farm. For feeding sheep and lambs, preparatory for the market, nothing is better; not only does it fatten quickly, but imparts a quality to the flesh superior to almost any other pasture. It has been estimated that one acre of Rape, when not preceded by any other crop the same season, will feed from 35 to 40 lambs for two months, and that the gain in flesh per month was from eight to twelve and one-half pounds on each lamb. Young cattle thrive upon it as well as swine. Rape may be sown either in rows or drills and cultivated, or may be sown broadcast. When sown in rows the plant will grow much stronger and more luxuriant in foliage, and will also stand longer feeding, as it is less liable to be tramped down. It may be sown in May, and when it is sufficiently advanced it can be fed off, and then allowed to grow up again, thus giving a second crop the same season; but the usual time for sowing is the last half of June and until end of July, and it has been sown towards the end of August with success. When sown early in the season the hot sun of August seems to unduly hasten its maturity. As it will stand late sowing it can be sown after a Rye or Barley crop, and produce valuable food for October and November. The cultivation of rape should commence as soon as it is well started, and with repeated cultivation until the leaves become too large to work between the rows. Rape is also plowed under as a fertilizing crop.

PRICE
DWARF ESSEX
 Per lb 10c, 10 lbs 70c, 25 lb lots \$1.50; add 5c per lb for postage and packing if to be sent by mail.
LARGE LEAVED ENGLISH—Per lb 10c, 10 lb lots 70c, 25 lb lots and upwards \$1.50.

SPURRY (SPERGULA ARVENSIS)

Spurry is an annual plant, extensively cultivated in Europe as a winter pasture for cattle and sheep. Milch cows and sheep fed on it are said to yield superior milk, butter and mutton. It grows so well on poor, dry, sandy soil that it has been called "the clover of sandy lands." If sown in March and then again in May, and afterwards in July, it will produce three crops upon the same field in one season. These three crops, if successfully plowed under, will improve a barren soil so that it will produce clover or winter grain. It is, therefore, recommended to all who are seeking a plant that will be a fertilizer for light, sandy soil, and at the same time be a real value for forage.

The soil for Spurry requires the same preparation as for Clover. It should be sown at the rate of 15 pounds to the acre. It is in best condition for pasture from four to six weeks after sowing, and it may be sown every month from March to August. It is also valuable for "filling in" on pastures that have become thin. **Price**—Per lb 20c, 6 lbs for \$1.00, 10 lbs and over at 15c, 50 lbs and over at 10c, 100 lbs \$9.00.

Large Giant Spurry—Grows larger and stronger than preceding variety. Per lb 25c, 5 lbs \$1.00, 10 lbs and over at 18c per lb, 50 lbs and over at 15c per lb, 100 lbs and over at 12c per lb.

Flat Pea

(LATHYRUS SYLVESTRIS WAGNERI)

The seed should be sown in spring, as soon as the weather permits. The plant should be cultivated on such land as is unfit for other cultivation on account of its billy nature; good, deep culture furthers the development of the plants, but where there is a subsoil different from the upper stratum, the plowing should not be too deep. Stable manure should never be employed. If manure is required, phosphoric acid should be supplied. On soils poor in calcareous matter, lime should be plentifully supplied. After preparing the soil thoroughly, three or four seeds should be hoed into it to a depth of one inch, accompanied by a few grains of barley. The seeds should be sown crosswise $\times$ at a distance from each other of one foot, the barley serving merely as an indicator of where the seed has been sown. *Lathyrus Sylvestris Wagneri* grows quite slowly at first, and, therefore, is easily ousted by weeds; therefore, the lands should be carefully kept free from all weeds, etc.

Many cultivators, therefore prefer to sow the seed on good garden soil in drills nine inches apart, and transplant the young plants in the following spring on the poor soil where they are intended to remain. Some barley is sown along with the seed in this case also, so as to enable the farmer to begin early with the weeding. Per oz 30c, 1b \$3.00.

Sacaline

(Polygonum Sachalinense) Forage Plant

This hardy perennial plant is a native of the Island of Saghalin, between Japan and Siberia. It has been known to European and American nurserymen for many years, but its merits as a forage plant have only lately been pointed out. It grows well on the poorest soils, is perfectly hardy, and endures the extremes of heat and cold. It grows to the height of ten or twelve feet, and can be cut two or three times in a season. The stems and leaves, which are very nutritious, are said to be eaten either green or dry, by cattle or sheep. Per pkt 10c, 3 for 25c. Seed per oz 75c, 1b \$9.00.

Plants 15c each, 2 for 25c, 9 for \$1.00.

Oil Cake, Etc.

Oil Cake—Fine ground [bags free] 50 lbs 70c, 100 lbs \$1.20, ton \$22.00.

Oil Cake—Coarse ground [bags free], 50 lbs 70c, 100 lbs \$1.20, ton \$22.00.

Cotton Seed Meal—[bags free], 50 lbs 75c, 100 lbs \$1.25, ton \$24.00.

Flax Seed—For feeding, 50 lbs \$1.20, 100 lbs \$2.25.

Linseed Meal or Ground Flax Seed—50 lbs \$1.30, 100 lbs \$2.50.

Rock Salt—50 lbs 65c, 100 lbs \$1.00.

Prices subject to Market changes.

Price of Bags

When bags are required for filling orders, they will be supplied at the following prices, which should be remitted with the amount of order:

1 Peck, Cotton.....	at 10c each
1 Bushel, Cotton.....	at 12c each
1 1/2 Bushel Potatoe Bags, per doz.....	\$1.00, 10c each
2 Bushel, Linen, per doz.....	\$1.50, 15c each
2 Bushel, Cotton, Seamless.....	at 25c each
2 Bushel, Cotton, Seamless "B".....	at 20c each

Simmers' Vegetable and Flower Garden

Is a neat little book, giving full and explicit directions how to grow Vegetables and Flowers. Price 15c, or when asked for, free with every order for Vegetable or Flower Seeds amounting to \$1.00 or more.

SEE OUR PREMIUMS ON ORDER SHEET

DO NOT FAIL

TO ENTER OUR

PRIZE COMPETITIONS

SEE COLORED INSERT FOR
CONDITIONS.

Simmers' Seed Corn for Fodder

Prices Quoted are Net Cash—We do not Pay Freight on Seed Grain.
Send for Weekly Price List of Seed Grain, Clovers and Grasses.

DENT VARIETIES :

White Cap Yellow Dent

This corn is the best Early for Ensilage yet introduced. Large, heavy stalks and ears. This variety has more genuine merit, more fine and lasting points than any corn in cultivation. It is from 7 to 10 days earlier than many varieties, and on poor thin soil will out-yield the Leaming by at least 30 per cent. The originator claims it has more testimonials for earliness, easy shelling, productiveness, beauty, growing strength, fodder and all round qualities than any other variety. It is sure to please every farmer trying it. We can specially recommend it.
Price per lb 10c, postpaid; peck 35c, bushel \$1.20.

The Early Mastodon

This is another new variety of Ensilage Corn which the originator claims to produce the longest grains and largest ears of any 100-day corn in cultivation with most extraordinary yielding qualities. One American farmer claims to have grown on one acre 15,898 lbs. or 213 bushels of shelled corn. Another grower in Nebraska grew 11,330 lbs. on one acre or 171 bushels of shelled corn. The stock has been most carefully selected and the variety pure. It grows quick, strong and powerful, and is a most wonderful corn. Price—Per lb 10c, peck 40c, $\frac{1}{2}$ bush 65c, bush \$1.20, 2 bush at \$1.15, 5 bush at \$1.10.

Wisconsin Yellow Dent

This variety has been brought to its present nearly perfect type by careful selection, and is in every way one of the most desirable kinds. Average weight of ears 9 to 10 ozs., with many rows. There are generally from 8 to 20, and often as high as 21, kernels of a bright yellow color, cob red. Per peck 40c, bush \$1.30.

Wisconsin White Dent

A standard pure white, medium size early Dent, maturing in about 100 days. Ears average 16 rows, grains extra long and wide, two of which will span the cob, which is unusually small for the size of the corn, and is generally white. The stock is short and thick, with ears set low; roots deeply, easily withstanding severe storms and drouths. Peck 40c, bush \$1.30.

Mammoth Cuban or Cuban Giant

The increased demand each year for ensilage corn has induced us to offer the Mammoth Cuban Giant, a corn we have thoroughly tested beside all the large white grain Ensilage varieties. Our attention was first called to this variety by Hon. Wm. Mulock, M.P., who induced us to give it a trial, and we have found by test in this country that it is a perfect fodder or ensilage corn, having the creamy quality of the Tuscarora Corn and the growth and rankness of the Red Cob Ensilage. The grains are pure white and very large, broad and long, and very showy, and of stronger vitality than any variety in cultivation, a very strong point in its favor. The fodder grows on the stalks in great quantities and of the finest flavor. It is the best milk producer of all the field ensilage corns, being as sweet and tender as Sugar Corn. It will out yield the Red Ensilage Corn, and much more valuable because some 10 to 12 days earlier. Price per lb 10c, peck 40c, $\frac{1}{2}$ bush 65c, bush \$1.20, 2 bush at \$1.15, 5 bush at \$1.10.

Early Butler—This is without doubt the earliest Dent Corn in cultivation. It is a cross from Pride of the North, grows good sized ears with long grains and very small cob, corn of a beautiful golden yellow color. **The Butler is adapted for high latitudes, and will mature farther north than any known variety.** It grows strong and very quickly.
Price for 1897—Per lb 10c, postpaid. By express or freight, peck 40c, bush \$1.30, 2 bush at \$1.25, 5 bush or over, \$1.20 per bush.

FLINT VARIETIES :

Mammoth 8-Rowed Yellow (New)

This remarkable variety is of new introduction, and gives great satisfaction. It is entirely distinct, being, as described, the Mammoth 8 Rowed Yellow Corn, a great improvement on the old yellow Canada Corn, 8 Rowed, which is the general corn used by farmers for feeding purposes. On a field of this corn, grown under our own supervision this season, we found the crop decidedly more productive than any other variety we have yet seen of the Indian or Flint Corn so much so that we resolved to introduce this variety to the farmers of Canada as being exceptionally well worthy of their attention, and we ask one and all to give it a trial, and it will be found to outyield all other varieties, both shelled and on the ear. The ears when harvested are long and well filled with corn which is double the size of the ordinary Yellow Canada Corn or the Compton Early Yellow. Our experience is, that the Mammoth 8 Rowed Yellow will give more green feed to the acre than any other variety, because it stools out well and produces any amount of green foliage, and does not dry down as rapidly as a Dent Corn, consequently it will be an excellent variety for farmers to grown for ensilage.

Price—Per lb 15c, 5 lb 60c, postpaid; peck 50c, $\frac{1}{2}$ bush 75c, bush \$1.30, 2 bush \$1.25, 5 bush \$1.20.

Rural Thoroughbred White Flint—A new variety, of spreading habit, not more than one kernel should be grown in the hill. Its great suckering habit, breadth of blade and smallness of stock recommend it as a fodder plant, while for ensilage purposes it is most valuable. Per lb (postpaid) 10c, 5 lbs (postpaid) 50c, peck 40c, $\frac{1}{2}$ bush 75c, bush \$1.30, 2 bush or over \$1.25 per bush.

Compton's Early Yellow—The productiveness of the Compton Corn is remarkable. It is a splendid Early Flint Corn with more rows on cob than any other Flint Corn. The grains are very small, round and heavy. It is very hardy and sure to grow and produce a crop. The ears are of perfect shape, with from 10 to 14 straight rows of brightest golden-yellow grains of remarkable size, and filled out completely to the extreme end of cob. The richness of color and fine quality of grain make it very superior for grinding into meal. Although the kernels are firm on the ear the ears are easily shelled, and in every respect present as perfect a type as could be desired. 8 to 10 ft. Per lb (postpaid) 10c, pk 40c, bush \$1.25, 2 bush at \$1.15, 5 bush and over, per bu \$1.10.

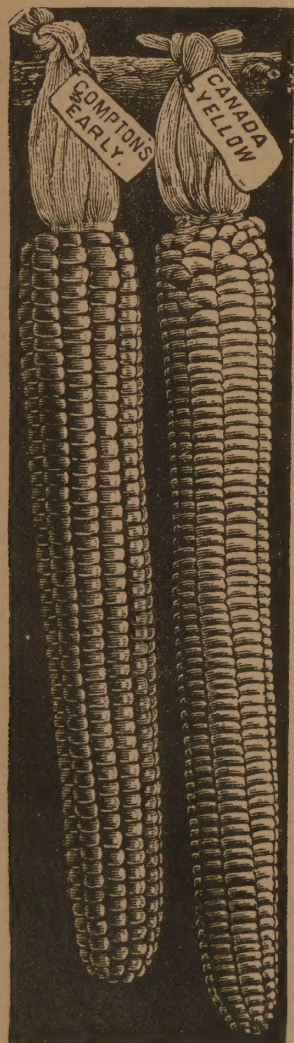
Early Yellow Canada—The earliest yellow, for field or table use. Per lb (postpaid) 10c, peck 40c, bush \$1.20, 5 bush or over, \$1.00 per bush.

Angel of Midnight—(One hundred day.)—An extra early eight-rowed yellow Flint variety; grains are very large and are compactly set on a very small cob. Per lb (postpaid) 10c, 5 lbs (postpaid) 50c, peck 40c, bush \$1.20.

Longfellow—An eight-rowed yellow Flint variety with ears 10 to 15 inches long, cob small, kernels quite broad. Per lb (postpaid) 10c, 5 lbs (postpaid) 50c, peck 40c, $\frac{1}{2}$ bush 65c, bush \$1.20.

Early White Flint—Very desirable for table use. Per lb (postpaid) 10c, peck 40c, bush \$1.20.

On any order for Carrot, Mangel Wurzel or Turnip Seed amounting to One Dollar, we will, if requested, include a copy of "Dairying for Profit," by Mrs. E. M. Jones, a very concise and useful work of 69 pages.



CROP 1896

SELECTED ENSILAGE CORN

CORN—Red Cob Ensilage—So called owing to its cob being quite red; the kernel is perfectly white, resembling very closely the ordinary Horse-Tooth Corn. This corn is especially adapted for dairy sections, both for green fodder and ensilage purposes. Per peck 20c, per single bush 75c. Prices for lots of 3, 5, 10, 20 or 50 bushels on application in season; values fluctuate; larger quantities on application.

CORN—Simmers' Paragon White Ensilage—This superior ensilage corn we can recommend from experience as being the heaviest cropping variety in cultivation, producing 50 to 75 tons per acre. It has been thoroughly tested in all dairy sections of the country with the best results. The fodder is sweet, tender, juicy, and said to contain more nourishment than any other variety. It grows 13 to 14 feet in height, taking strong hold in the ground, standing up well and resisting storms of all kinds to a remarkable degree. Peck 25c, bush 80c. Larger quantities, prices on application.

CORN—Mammoth Southern Sweet Ensilage—This variety is acknowledged by all to be the best variety for fodder and ensilage purposes; it is sweet, tender and juicy. Peck 20c, bush 75c. For larger quantities, price on application.

CORN—Yellow Horse-Tooth or Dent—Largely used for feeding when green, yellow seeded. Peck 20c, bush 70c. Market variable. Price on application for larger quantities.

Pride of the North [Early Golden Dent Corn]—This variety matures very early. The stalks usually grow from 6 to 8 feet in length and produce from 1 to 3 good ears. Peck 30c, bush 80c.

Leaming Corn—The Leaming is a Dent variety; nearly always two good ears to each stock. It withstands severe drouth, by reason of its earliness in maturing, strong and vigorous growth and its stocky and leafy nature, which enables it to stand up until ripe. Peck 25c, bush 80c.

Red Kaffir Corn—This grows taller than the White, the stalks are slenderer but more juicy and very leafy. It does well on poor land, and yields well. It ripens a little earlier, yields nearly twice as much as the White variety and is the best of all the non-saccharine Sorghums. Per pkt 5c, lb 25c [postpaid]; per 5 lbs 75c [postpaid]; 20 lb \$3.00, 100 lb \$10.00.

White Kaffir Corn—The heads contain small white seeds which make an excellent flour. Greedily eaten by horses and cattle, and make excellent food for poultry, either fed in the grain or ground and cooked. Foliage and stalks make excellent forage. Per pkt 5c, lb 25c, 5 lb 75c [postpaid]; 20 lbs \$3.00, 100 lb \$10.00.

WHEAT—Spring

We always endeavor to have on hand a full stock of choice Seed Wheat, and from our extensive connection with farmers are in a position to obtain the finest samples grown. When wanting larger quantities than quoted, write for prices marked variable.

CAMPBELL'S WHITE CHAFF—Bald, club-shaped, with a compact and rather heavy head; good, thrifty grower; strong straw, about 3 feet high; one of the earliest Spring Wheats. The grain is white, thin-skinned and very plump. Per lb [postpaid] 15c, 5 lbs [postpaid] 50c, peck 35c, bush price on application.

Triumph—The heads are square, rather short, somewhat resembling The Club, and always well filled with grain of a very dark red color. The straw is strong and stands up well and matures some days earlier than the White Russian. Per lb 15c, 5 lb 50c [postpaid], per pkt 35c, bush price on application.

Colorado Spring Wheat—It is a light amber; rather short, thick berry; the heads are a good size; white straw and chaff, stands up well and ripens early. Peck 35c, bush price on application.

For other leading varieties, such as, **Blue Democrat, Red Fern, White Russian, Red or Scotch Fife, Wild Goose**, etc., see our Weekly Farmers' Price List of Grains and Grasses, sent on application.

WHEAT—Winter

Pride of Genesee, Early White Leader, Genesee Giant, Jones' Winter Fife, Early Red Clawson, American Bronze, Dawson's Golden Chaff, and other varieties, kept in stock. Our Fall Catalogue of Winter Wheats, Grass Seeds, Fertilizers, etc., is issued about August 15th of each year, and sent free to all who apply. **Send in your address now.**

BARLEY

Baxter's Selected Six-Rowed—Distinct from others, grain round, plump, solid and heavy. Per lb 15c, peck 30c, ½ bush 50c, bush 90c.

Chevalier Two-Rowed—Grown from imported seed. Per bush 90c, 2 bush at 85c.

Chevalier Two-Rowed (Imported)—We have again imported a quantity of this excellent malting Barley from one of the best growers in Britain. Per bush \$1.75, 2 bush at \$1.60 per bush.

Duckbill Two-Rowed—This is another excellent sort of Two-Rowed Barley, and one which will certainly become a favorite. It stands up better than the Chevalier, and yields a splendid sample of heavy barley. Per bush 90c, 2 bush at 85c, 10 bush or over at 80c per bush.

Hulless Barley, Black—Excellent for feeding. Per lb (postpaid) 15c, 5 lbs (postpaid) 50c, peck 35c, ½ bush 60c, bush (60 lbs) \$1.00, 2 bush or over 95c.

Hulless Barley, White—Similar to Black, the difference being grains are white. Per lb (postpaid) 15c, 5 lbs (postpaid) 50c, peck 35c, ½ bush 60c, bush \$1.00, 2 bush or over at 95c.

Canadian Six-Rowed—Our stock is carefully selected. Per bush 75c, 10 bush or over at 70c.

BUCKWHEAT

BUCKWHEAT—Japanese—The kernels are twice the size of any other buckwheat; of a rich dark brown color, and manufacture a superior flour. Per lb 15c, 5 lbs 50c (postpaid), peck 30c, bush 80c, 2 bush at 75c.

BUCKWHEAT—Silver Hull—The grain is of a beautiful light gray color, varying slightly in shade, and the corners are much less prominent than in the ordinary variety, while the husk is thinner, thereby saving from 15 to 20 per cent. waste in the process of manufacturing into flour. Per lb (postpaid) 15c, 5 lbs by mail 50c, peck 30c, bush 80c, 2 bush at 75c.

BUCKWHEAT—Common Gray—Per bush 70c, 2 bush at 65c.

PEAS

CANADIAN BEAUTY—Per lb (postpaid) 10c, 5 lbs (postpaid) 40c, peck 40c, ½ bush 65c, bush \$1.00, 10 bush at 90c.

"Mummy"—It ripens about the same time as the Marrowfat, bearing its pods on the top of the haulm; yields one-half more peas to the acre than any other field variety. Per lb (postpaid) 10c, peck 30c, bush 85c, 10 bush 80c.

Multiplier—A very fine white Pea, which matures a few days earlier than the Golden Vine, and yields peas somewhat larger and more uniform in size than that well-known variety. It is much more productive than any of our common field varieties. Price on application.

Also the following varieties of Peas: **Golden Vine, White Marrowfat, Black-Eyed Marrowfat, Prussian Blue, Prince Albert, Crown**. Price on application.



Simmers' Paragon White Ensilage Corn

Flax Seed—½ bush 80c, bush \$1.40, screened of the best variety.

Rye, Spring—Per lb 15c, 3 lbs 40c (postpaid), peck 30c, bush \$1.00.

TARES OR VETCHES—For Spring sowing. Vetches are grown for a forage crop. They can be cheaply raised, fed green, cured or ensilaged. Where land is not adapted to hay, or is expensive, or pasturage is poor or costly, it will pay to grow Vetches as a forage crop. Peck 40c, bush \$1.50. Prices fluctuate.

For other leading varieties, see our **Weekly Price List**, sent upon application.

BEANS

ENGLISH HORSE BEANS—This is the variety of beans recommended by Prof. Robertson, of the Dominion Experimental Farm, to be planted with corn and sunflower seed for ensilage purposes. Planted in May, the beans grow to a height of 3 to 3½ feet, and when cut are in most cases green and succulent. Bush \$2.00. Values fluctuate. Price on application.

The Prolific Dwarf Tree—Per lb 10c, bush \$2.00.

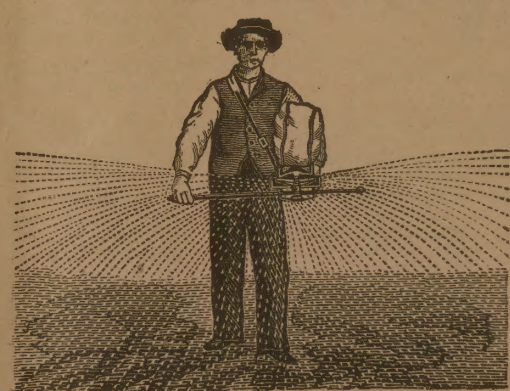
California Pea—Very productive. Per lb 10c, bush \$1.50.

We do not pay Freight on Seed Grain

Send for Weekly Price List of Seed Grain,

Clovers and Grasses.

"LITTLE GIANT" SEED SOWERS



Little Giant Broadcast Hand Seed Sower

The pressed tin wheel is the strongest wheel made, and is equalled by none in its work. The stirrer is the smallest and most effective feed placed in any machine. It does not require seed to be cleaned and will sow orchard and blue grass.

They will throw flax and clover seed 36 feet to the round, wheat 50 feet, timothy seed 28 feet, oats 36 feet.

"LITTLE GIANT" (see cut). No. 1 is the original. Price, \$2.50, postpaid.

"LITTLE GIANT" No. 3 is geared, operated by a crank instead of a bow. Price, \$3.00; \$3.25, postpaid.

NEW, POPULAR AND STANDARD VARIETIES OF OATS

ANOTHER NEW VARIETY FOR 1897.

"THE NEWMARKET"

The following testimonials speak for themselves as to the merits and exact description of this variety.

PRINCETON, JULY 24th, 1896.
Last spring Mr. J. E. Richardson sowed two fields of two new varieties of oats recently imported by him from Europe, I was anxious to know how they were doing so I visited his seed farm just as they were ripening. The first field I reached was the variety called the Newmarket, a beautiful field of oats, bright, long straw, standing erect with large branching heads, filled with large plump heavy white grain, very thick crop, alho' sown only one and quarter bush. per acre. I consider this variety very valuable for land not overly rich, as they are rank, healthy growers with straw unsurpassed.
THOS. ELMES, Grain Expert and Medalist, Princeton, Ont.

GOBLES, ONT, SEPT. 2nd, 1896.
Living, as I do, near to the seed farm of Mr. J. E. Richardson, and frequently passing his place, have watched with much interest his crop of "Newmarket" Oats, imported from England in 1895 and can safely say that it was from the beginning the best looking crop in the neighborhood. The plant was well stooled out with a long, bright straw, which in spite of heavy winds and rains was not at all laid at the time of cutting. These oats were particularly free from rust and smut, and had a long, heavy, well-filled head. I most certainly intend to get some of the seed for my own sowing the coming year.
(Signed), REGINALD M. WILMOT.

PRINCETON, ONT., SEPT. 3rd, 1896.
For the last two years I have been much interested in a new oat imported into this country and grown by J. E. Richardson, of Creekside Seed Farm, namely the Newmarket. From the start these oats made a vigorous growth, and when out in head was the admiration of the neighborhood. The straw is tall and very stiff, standing up well, and free from rust and smut. The grain is plump and heavy and of a beautiful white color. These oats are second in yield to none.
(Signed), A. BAUSLAUGH.

Price for 1897—Per lb 25c, 5 lbs \$1.00, post paid; peck 50c, bush \$1.50, 2 bush \$2.75, bag included.

Golden Tartarian Side Oats

This grand oat now introduced by us the first time has made one of the greatest records ever obtained by any variety. They grow four or five feet tall, with stiff straw; never lodge, always stool freely, and yield enormously. They have been well tested, and abundant proof has been given of their superiority. In one comparative trial they yielded fifteen bushels more per acre than any of seventeen varieties. They are medium early, and should be planted as soon as ground can be put in shape, in order to get the very best results. It is a long grained oat. Read the following testimonial.

Golden Tartarian is not so rank a grower as the Newmarket, but good length of straw, very stiff side oat, same as Black Tartarian, but much longer heads, filled with grains of golden color. I believe this variety will entirely drive out the old Black Tartarian which has been such a favorite for years, as this variety has all the good qualities of the Black and none of the bad, such as rust and smut.
THOS. ELMES, Grain Expert and Medalist, Princeton.

Price for 1897—Per lb 25c, 5 lbs \$1.00, postpaid, peck 50c, bushel \$1.50, 2 bushels \$2.75 (bag included).

"ILLINOIS"—This grand oat which is the result of "several successful seasons, selection and hybridization," and combines the good qualities of Clydesdale, Welcome, Bonanza, White Russian, Lincoln, Centennial and several other new and standard varieties. We have a type that is well fixed, the grain is large and weighty, the straw very heavy and of good length, extremely early, it is a spangled oat with panicles large and open, in fact the straw is so vigorous and strong that nothing short of a cyclone can get it down.

Price—Per lb 20c, 5 lbs 60c, postpaid; peck 40c, bushel \$1.00, carriage extra; 2 bushels \$1.75, including cotton bag.

WHITE MAINE OATS—One of the most successful growers of seed oats, writes:
"In regard to the White Maine Oats, would say, that I have raised them largely for three years, and are more and more impressed with the fact that they are the best variety for horse feeding in existence. They grow a very short, stiff straw, not long and weak. They are not what are termed heavy oats, although the oats have weighed 34, 36 and 38 pounds per bushel for the last three years. Now as to yield, two years ago on my own farm, a measured field of 13 acres yielded 91½ bushels of cleaned oats per acre." Prices: per lb 15c, 4 lbs 50c, by mail, postpaid. By express or freight, peck 25c, bushel 75c, 2 bushels \$1.50, bag included. Larger quantities, price on application.

SIBERIAN OATS—The straw medium long, stands well, and even under most unfavorable circumstances does not rust.

In short, they are the most profitable for farmers to grow and merchants to handle. Their productiveness, weight and fine qualities place them first. They ripen evenly, medium early, and notwithstanding they bear a very large, spreading head, filled completely with the very heavy grains, they stand up stiff and straight until fully matured. Their strong straw adapts them to rich bottom ground, where common oats will fall down and waste. Price—Per lb 15c postpaid, 5 lbs 50c, peck 25c, bushel 70c, 2 bushels or over 65c bushel.

Peerless—The head of the oat is large and branching, spreading well all around the stem, and when in the sheaf no other variety can approach it for weight, and in addition to all these good qualities it has proved very prolific, in fact it combines everything to make it a most desirable variety. Price—Per lb 15c, 5 lbs 50c, postpaid; peck 25c, bushel [34 lbs] 70c, 2 bushels at 65c.

White "Challenge"—This variety possesses long upright stoutish straw, with neat panicle, covered with close set grains, the latter very plump and heavy [weighing 45 lbs to the bushel], and of excellent quality. "Challenge" Oats are very productive, and we believe the earliest variety in cultivation to-day. Price—Per lb 15c, 5 lbs 50c, free by mail, peck 25c, bushel 75c, 2 bushels at 70c, 5 bushels or over 65 per bushel.

STANDARD VARIETIES—We can also supply the following varieties, and in case large quantities are required write for our Farmer's Weekly Price List:

American Banner—Price, per lb 10c, postpaid; 5 lbs 50c, postpaid; peck 25c, bushel 70c, 2 bushels at 65c.

Rosedale White—Per lb postpaid, 10c; 5 lbs postpaid, 50c; peck 25c, bushel 70c, 2 bushels at 60c.

Black Tartarian—Grown from imported seed. Peck 25c, bushel 70c, 2 bushels 65c.

Good Cotton Bags furnished at 20c each. Linen Bags at 10c each. Best quality Cotton Bags 25c. Best quality Linen Bags 15c each.

Please write for Weekly Price List if you want Seed Grain in 5, 10, or 20 bushel lots.



"The Newmarket" Oat

The Lincoln—The following are a few points of excellence: It is very productive, having in all instances yielded more to the acre than any other sort grown in the same locality; in one case it yielded 174 bushels from a single bushel of seed. It is very early, and has thus far proved itself rust-proof. It stands up better than any other sort; it is best for feeding, on account of its thin hull, heavy meat and soft nib. It is best for oatmeal or grinding, for the same reasons. Per lb [postpaid] 15c, 4 lbs [by mail, postpaid] 50c, peck 25c, bushel 75c, 2 bushels or more at 70c.

Imported Black Tartarian—The Black Tartarian is of the best variety of Black Oat in cultivation. The grain is black and is produced on the side of the head. The stock we offer was grown in East Lothian, Scotland, and is of excellent quality. Weight per measured bushel 40 lbs. Per bushel \$2.00.

Oats—Black Goanette—Per lb postpaid 10c, 5 lbs postpaid 50c, peck 25c, bushel 70c, 2 bushels or over at 65c per bushel.

SIMMERS' EXTRA CLEAN HIGH-GRADE

GRASS SEEDS FOR ALL SOILS.

FOR HAY AND FOR PERMANENT PASTURES

"NOT HOW CHEAP, BUT HOW GOOD," is the motto we use in all our grass seed transactions. We give special attention to the standard and EXTRA FANCY grades, and handle these only. If by Mail Add Four Cents per lb for Postage

A GOOD REFERENCE BOOK—"HANDBOOK ON THE GRASSES OF NORTH AMERICA." PRICE \$1.75, POSTPAID.

THE greatest care is exercised in the selection of our Grass and Clover Seeds. We wish to call the attention of purchasers to their purity and fine quality, which is of the utmost importance to the Agriculturist.

Choice samples are the cheapest, sow further, and are the most satisfactory in the end.

Where prices are not quoted, they are subject to market fluctuations, and will be furnished with samples on application if desired.

Awnless Brome

Grass [*Bromus Inermis*]. One of the most valuable introductions of recent date. Will stand long droughts and produce heavy crops in dry sections where other grasses would perish. 20c lb.



Bromus Inermis—Awnless Brome Grass.



Kentucky Blue Grass

CANADIAN BLUE GRASS [*Poa compressa*]. **Hardest grass in cultivation**—Should not be confounded with the Kentucky Blue Grass. Canadian Blue Grass shoots its leaves very early. All grazing animals eat it greedily; cows feed on it produce a very rich milk and fine flavored butter, and it is especially relished by sheep. Its bluish green stems retain their color after the seed is ripe. It shrinks less in drying than most other grasses, and consequently makes a hay very heavy in proportion to its bulk. It is an excellent grass for dry, sandy, thin soils and banks, and for covering the surface of rocky soils, along trodden walks, gravelly knolls and upon all soils that are affected seriously by long continued draughts. Per lb 15c, per bushel of 14 lbs \$1.40.

Creeping Bent Grass [*Agrostis stolonifera*].—A variety similar to the Red Top Grass, somewhat lower in growth, but nevertheless not inferior for purposes of pasture or for lawns. Per lb 30c, 10 lbs \$2.50.

Crested Dog's Tail, or Comb Grass [*Cynosurus cristatus*].—A variety well suited for lawns from its readiness to take root and adapt itself to any kind of soil, and its dense as well as compact growing habits. Per lb 60c.

Hard Fescue [*Festuca duriuscula*].—Will thrive in a great variety of soils, and resists the effect of drought well; from the fineness of its foliage, it is well adapted for lawns or sheep pasture, and its habit of reproduction, after sowing, is very great. Per lb 25c.

Honey, or Meadow Soft Grass [*Holcus lanatus*].—A variety having fibrous roots. It grows 3 feet in height and is suitable for all soils, the richest and the poorest, but attaining the highest degrees of luxuriance on light, moist or peaty soils. Whilst no variety suits better for lawns, it is, however, of no use for cattle, as they will scarcely touch it on account of its sugary mucilage. Per lb 20c.



English Rye Grass

Sweet Vernal Grass [*Anthoxanthum odoratum*].—For a mixture with pasture grasses it is valuable on account of its vernal growth, and continuing to throw up root foliage until late in autumn; for meadows its chief merits are its fragrant odors, which the leaves omit when dry, thus sweetening hay; it is a vegetable condiment rather than as a grass of much nutritive value. Sow 35 lbs to acre. Lb 50c, 10 lbs \$3.50.

Tall Fescue [*Festuca elatior perennialis*].—Of strong growth; very productive and greedily eaten by stock, both as hay and green food; it should form a part of all permanent pasture mixtures for moist and strong soils, and also for irrigation purposes. Per lb 25c, 10 lb \$2.00.

Tall Meadow Oat Grass [*Avena elatior*].—A bulky, tall, productive grass, much relished by all cattle, and well adapted as a grass for soiling. Per lb 30c, 10 lb \$2.75.

TIMOTHY GRASS [*Phleum pratense*].—This favorite variety is so well-known and so extensively grown in this country that it is superfluous to give a description of its habit and nutritive properties. The most favorable time for sowing it is in the autumn, though generally succeeding well in spring also. Market price variable. Per lb 10c.

Water Meadow Grass [*Poa aquatica*].—There is no doubt but that this grass is entitled to greater attention, especially in districts wholly or partially flooded. In such situations it grows luxuriantly, and forms a very rich pasturage in summer. It may be cut three or four times a year, before the plant is in flower, and produces an immense quantity of herbage on soils which will not grow other varieties of grass. Per lb 35c.

Wood Meadow Grass [*Poa nemoralis*].—A variety indicated by the name as being well adapted for woody lands, growing two feet high, and forming valuable pasture, or even hay grass. Per lb 30c, 10 lb \$2.75.

Yellow Oat Grass [*Avena flavescens*].—A hardy, early and more productive grass than many others which affect similar soils and situations; valuable for dry meadows, pastures or lawns. Per lb 80c.

Common Millet [*Panicum milliaceum*].—The Millet is very similar to Hungarian in general characteristics, but produces a more abundant crop, and of a coarser nature. There are many varieties of Millet, but none are used so extensively as the common variety. Per lb 10c.

German or Golden Millet—Medium early, height 3 to 5 feet, yellow, heads closely condensed, spikes very numerous, seeds round, golden, in rough bristly sheaths. Per lb 10c.

Hungarian Grass [*Sectaria Italica*].—A most valuable, rapid growing variety of grass of annual nature, particularly well adapted for light ground, which, when the latter is properly prepared, will yield an abundant crop, and when it is cut before the seed is developed, produces hay much relished by all kinds of cattle. Market price variable. Per lb 10c.

We will send one large package of each of the above 25 varieties of Grass Seeds, correctly named, for \$1.50 postpaid, or any 17 varieties for \$1.00 postpaid, or any eight varieties for 50c.

Italian Rye Grass [*Lolium Italicum*].—A biennial variety of rapid growth, succeeding well in all kinds of soil, and well adapted for mixing with white clover for lawns; it is indispensable for an early crop of green feed. Per lb 13c.



Orchard Grass

Kentucky Blue or Smooth-stalked Meadow

Grass [*Poa pratensis*].—A variety assuming a beautiful verdure very early in spring, but it sends up flower stalks 1½ feet high only once in the season; it is therefore less adapted for hay than for early and permanent pastures. For water meadows it is one of the best of grasses and on that account the main grass for pastures. Per lb 20c, 10 lbs \$1.75.

Meadow Fescue

[*Festuca pratensis*].—A highly valuable species for permanent grass lands; it



Meadow Fescue Grass

does not, however attain its full productive powers till the second or third year, when it exceeds most other sorts in the quantity of its produce and nutritive matter; it is relished by live stock, both in hay and pasture. Sow 40 lbs to the acre. Per lb 15c, 10 lb \$1.00.

Meadow Foxtail [*Alopecurus pratensis*].—One of the best grasses for permanent pastures, being early and rapid in growth, does best in rich moist soil. Per lb 45c.

Orchard Grass [*Dactylis glomerata*].—Though a rather coarse grass, yet this variety is of such early and rapid growth, that on account of this quality alone it is valuable as a pasture grass on light soils from the quantity of herbage it affords. It should be used for green feed exclusively, because when old and dry, or made into hay, neither horses or cattle are fond of it. Per lb 20c, 10 lbs \$1.80.

Perennial, or English Rye Grass [*Lolium perenne*].—One of the best grasses adapted for producing a bulky crop of hay with or without clover, producing three or more years pasture. Per lb 10c, 10 lbs 80c.

Red Meadow Fescue [*Festuca rubra*].—An excellent variety, suitable for lawns exclusively, on account of its creeping nature, not growing over one foot in height, requiring little mowing, and forming so thick a turf as to suffer few intruding plants. Per lb 20c, 10 lbs \$1.75.

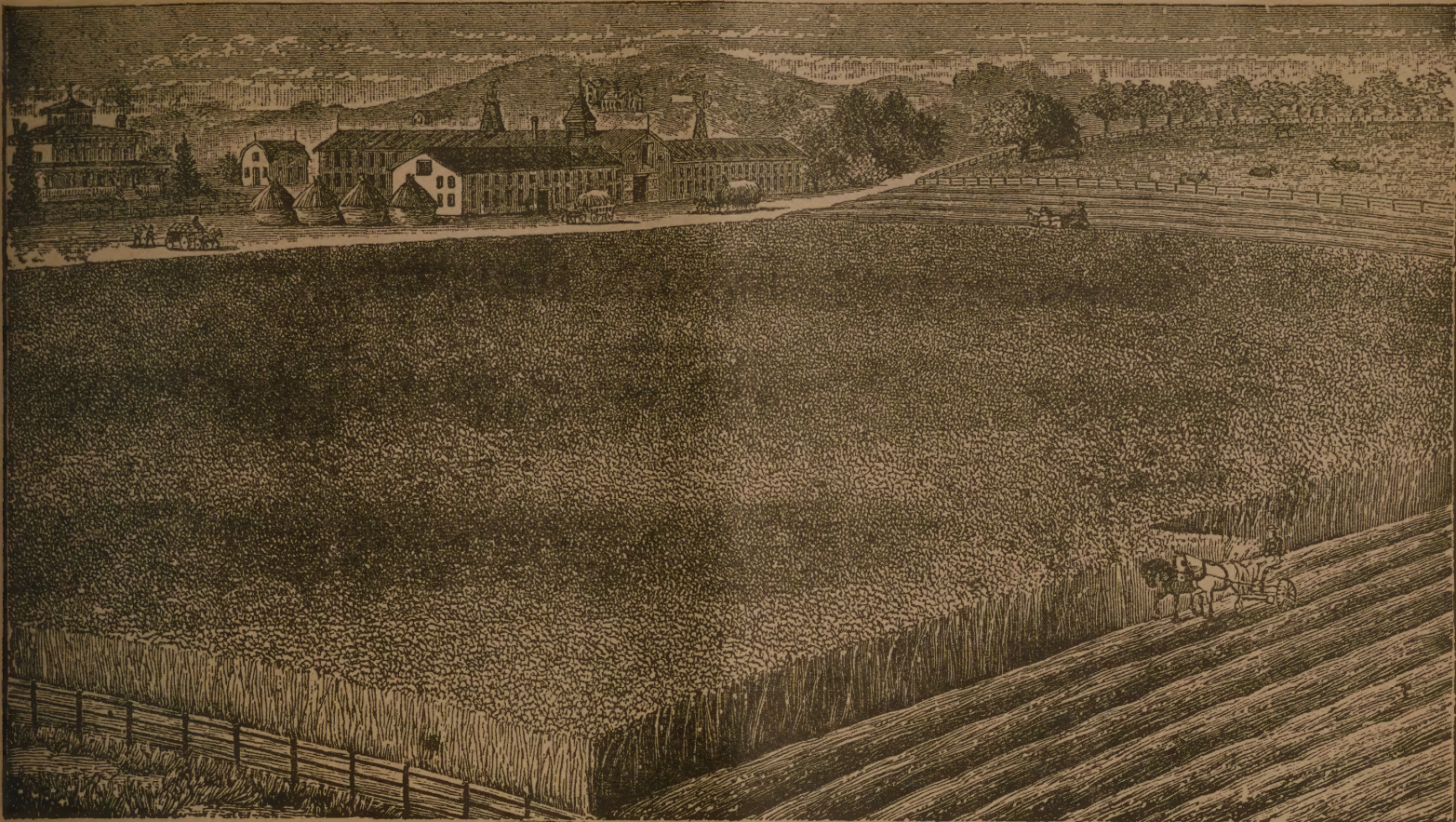
Red Top Grass, Perennial [*Agrostis vulgaris*].—A hardy, permanent grass, of rather low growth, succeeding in almost any soil, and well adapted for pasture land. Per lb 20c, 10 lb \$1.75.

Sheep's Fescue [*Festuca ovina*].—A dwarf variety not over six inches in height; it has a fine sweet foliage, well adapted to the masticating organs of sheep, and for producing delicate mutton, but totally unfit for hay. It is, however, an excellent grass for lawns, requiring little mowing. Per lb 25c, 10 lbs \$2.00.

NOTE—FOR GENERAL SEEDING sow one-third clover and two-thirds timothy. This produces hay of excellent feeding quality for stock in general. Write us for prices on any mixture wanted for hay or permanent pasture.



Meadow Foxtail Grass



View of a Permanent Pasture Obtained by Growing our Mixture of Grasses

SIMMERS' SPECIAL GRASS MIXTURES

Simmers' Special Grass Mixture for Permanent Pasture

consisting of the following varieties: Orchard Grass, Meadow Fox-tail, Sheep's Fescue, Rhode Island or Creeping Bent, Hard Fescue (true perennial), Meadow Fescue, English Rye Grass, Italian Rye Grass, Red Top, Blue Grass, etc., as recommended in the well-known and standard work, entitled, "How the Farm Pays" (by Henderson), blended in proportions which have been found, from actual use, to give the most satisfactory results.

On ordinary fertile soil three bushels of this mixture is sufficient to seed an acre, but where the land is poor a larger quantity will be necessary.

To this mixture, intended for either Mowing Lands or Pasture (but which on account of its greater weight, should be sown separately), should be added 10 lbs. of Mixed Clover, comprising white, Mammoth Red or Cow Grass, Alsike, Trefoil, etc., but this must be sown in the spring, as it is rather tender in this latitude if sown in the fall.

The Quantity Needed (10 lbs) of Mixed Clover to Sow an Acre we will sell for \$2

PERMANENT PASTURE FOR LIGHT SOILS.....	\$2.50 per bushel of 14 lbs
PERMANENT PASTURE FOR MEDIUM SOILS.....	
PERMANENT PASTURE FOR HEAVY SOILS.....	
SIMMERS' Grass Mixture for Orchards and shady places.....	

SIMMERS' Special Grass Mixture for Hay Only	\$2.50 per bushel
SIMMERS' Grass Mixture for Permanent Pasture only	of 14 lbs

10-Bush Lots and upwards, \$2.25 per bush. ; Special Quotations for Larger Quantities

Simmers' Special Grass Mixtures for Temporary Pasture—Consisting of Tall Meadow Oat Grass, Orchard Grass, English Rye Grass, Italian Rye Grass, Meadow Oxtail, Hard Fescue, Sheep's Fescue and Meadow Fescue, Red Clover, White Clover, Alsike, Trefoil and Timothy, blended in their proper proportions for the time specified. *Incomparably superior to the ordinary Timothy and Clover Mixture.*

For one Year—1 bushel Mixed Grasses \$2.00; 10 lbs Mixed Clovers, \$1.75. Total cost per acre, \$3.75.

For Two Years—2 bushels Mixed Grasses, \$4.00; 10 lbs Mixed Clovers, \$1.75. Total cost per acre, \$5.75.

For Three or Four Years—3 bushels Mixed Grasses, \$6.75; 10 lbs Mixed Clovers, \$1.75. Total cost per acre, \$8.50.

(Special quotations for large acreages)

Price List of Grass and Clover Seeds in Quantity

Customers desirous of making their own mixtures will find the list below a convenience in ordering. When Clover and Grass Seeds are to be sent by mail **4 Cents per Pound** must be added to the following prices to pay postage and cost of small bags which we require to use when sending Clover and Grass Seeds and Seed Grains through the mails. We will supply 20 lbs. or over at the 100 lb. rate, and 5 lbs. or over at the 10 lb. rate; for smaller quantities the lb. price will be charged. The following prices are values at time of issuing this Catalogue, January 1st, and are subject to Market Changes.

CLOVERS

	Per lb.	10 lbs.	100 lbs.
Red Clover, Simmers' Best.....	15c	\$1.45	price on ap.
Red Clover, Choice.....	14c	1.35	"
Red Clover, Prime.....	12c	1.15	"
Mammoth, Choice.....	15c	1.45	"
Mammoth, Prime.....	14c	1.35	"
Alsike, Simmers' Best.....	15c	1.45	"
Alsike, Choice.....	12c	1.15	"
Alsike, Prime.....	10c	1.00	"
White Clover, Choice.....	30c	2.50	"
White Clover, Prime.....	25c	2.40	"
Alsike and White, Mixed.....	15c	1.35	"
Lucerne, Choice.....	15c	1.35	"
Lucerne, Prime.....	13c	1.25	"
Bokhara.....	15c	1.40	"
Sainfoin.....	15c	1.25	"
Trefoil, Yellow.....	15c	1.40	"
Crimson or Scarlet.....	15c	1.25	"
Timothy, Simmers' Best.....	12c	.80	"
Timothy, Choice.....	10c	.75	"
Timothy, Prime.....	10c	.60	"

When wanted by Mail add 4c per lb Postage.

GRASSES

	Per lb.	10 lbs.	100 lbs.
Bromus Inermis (Awnless Brome)	20c	\$1.60	\$15.00
Creeping Bent.....	30c	2.75	25.00
Meadow Foxtail.....	45c	4.20	40.00
Sweet Vernal.....	50c	3.50	.....
Tall Oat Grass.....	30c	2.75	25.00
Yellow Oat Grass.....	80c	7.50	.....
Crested Dogtail.....	60c	5.00	.....
Orchard Grass, Best Quality.....	20c	1.80	16.00
Orchard Grass, Choice Quality.....	15c	1.40	13.00
Sheep's Fescue.....	25c	2.20	20.00
Hard Fescue.....	25c	2.20	20.00
Meadow Fescue.....	15c	1.20	10.00
Tall Fescue.....	25c	2.25	20.00
Red Fescue.....	20c	1.75	15.00
Red Top, Fancy Cleaned, Best.....	20c	1.75	15.00
Red Top, Choice Quality.....	15c	1.40	13.00
Blue Grass, Kentucky, Fancy.....	20c	1.75	15.00
Blue Grass, Kentucky, Choice.....	15c	1.40	13.00
Blue Grass, Canadian, Best.....	15c	1.00	8.50
Blue Grass, Canadian, Good.....	10c	.75	7.50
Perennial Rye Grass.....	10c	.90	8.00
Italian Rye Grass.....	13c	1.20	10.00
Water Meadow Grass.....	35c	3.25	25.00
Wood Meadow Grass.....	30c	2.75	25.00
Hungarian, Best Re-cleaned.....	10c	.40	2.10
Millet, Best Re-cleaned.....	10c	.30	1.75
Millet, Choice.....	8c	.25	1.65
Millet, Golden, Fancy Cleaned.....	10c	.40	2.50

When wanted by Mail add 4c per lb Postage

Customers ordering Grass Seed sufficient for one acre or more are allowed the privilege of 100 lb. rate. **Please allow for bags when remitting.**

FLOWER SEED COLLECTIONS.

SIMMERS' MIKADO COLLECTION A

10 pkts. choice fresh Flower Seeds for 25c.

Contains 10 beautiful varieties of easily grown annuals in handsome colored bags, with full directions for their culture.

Asters—Choice mixed.
Poppy—Double mixed.
Sweet Mignonette.
Pansy—Good mixed.
Double Imperial Pinks.

Snapdragon—All colors, mixed.
Morning Glory—Mixed.
Phlox—Splendid mixture.
Tall Nasturtium—Mixed.
Sweet Peas—All colors, mixed.

SIMMERS' MIKADO COLLECTION B

Contains 20 pkts. of choice Annuals, Biennials and Perennials, for 60c.

Asters—Truffaut's Perfection, mixed
Asters—Dwarf Bouquet, mixed
Balsam—Double Mixed.
Phlox Drummondii—Mixed.
Tall Nasturtium—Mixed.
Dwarf Nasturtium—Mixed.
Pansy—All colors, mixed.
Mignonette—Large flowering.
Morning Glory—Mixed.
Sunflower—Very double.

Zinnia—Best mixed.
Ornamental Gourds—Mixed.
Marigold—Double French.
Sweet Peas—Mixed.
Pot Marigold.
Candytuft—Mixed.
Sweet Alyssum.
Larkspur—Perennial, blue.
Canterbury Bells.
Mourning Bride—Mixed.

SIMMERS' MIKADO COLLECTION C

Contains 40 pkts. of Flower Seeds for \$1.00.

Asters—Simmers' Excelsior mixture of Tall Sorts.
Calendula.
Canarybird Flower.
Candytuft—Empress.
Carnation—Margaret.
Castor Oil Bean.
Chrysanthemum—Annual sorts.
Cobaea—Climber.
Cosmos—Mixed.
Double Balsam—Mixed.
Double Daisy.
Double Marigold—Mixed.
Double Hollyhocks.
Double Japan Pink—Best mixed.
Dwarf Nasturtium—Mixed colors
Escholtzia.
Everlasting Flowers—Mixed.
Finest Double Poppy—All kinds, mixed.
Gaillardia—Perennial.

Godetia—Mixed.
Marvel of Peru.
Mignonette—Machet.
Morning Glory.
Nasturtium—Tall yellow.
New French Canna.
New Sweet Peas.
Ornamental Gourds.
Pansy—Fine mixed.
Petunia.
Phlox Drummondii—All colors, mixed.
Portulacca—Mixed sorts.
Salvia—Splendens.
Scabiosa—Mourning Bride.
Snapdragon.
Stocks—Mixed.
Sunflower—Many kinds, mixed.
Sweet Alyssum—Little Gem.
Tall Nasturtium—Dark brown.
Verbena—Best mixed.
Zinnia—Large flowering.

NEW DOUBLE SWEET PEAS

The Advance Guard of a New Race.

They WILL NOT ALL COME DOUBLE, but if the plants are grown strong and luxuriant they usually produce from 20 to 40 per cent. of Double blossoms.

Double Sweet Peas are of incomparable beauty. The plants are of extremely robust growth, producing a lavish profusion of richly fragrant flowers; the flowers are extra-large, frequently measuring over two inches across. They have from two to three standards and frequently three wings. All of these petals composing the flowers are beautifully incurved and daintily frilled. The effect of the extra number of petals is to throw tinted and varying shadows into the depths of the flower, intensifying the coloring and bringing the high lights into strong relief. These charming contrasts give the Double Sweet Pea a particularly fascinating beauty. As cut flowers they are destined, we think, to outlive the single varieties, for, like most double flowers, they remain fresh for a longer period.

We do not claim that we have as yet perfected this new type of Double Sweet Peas, but we have brought them up to producing 20 to 40 per cent. of double flowers. Sometimes they will all come double on one stem, sometimes all single, but generally doubles and singles are all borne about half-and-half on each stem. If our customers grow their Sweet Peas poorly, starve them, they may not get many double flowers.

Mixed Double Sweet Peas—Per pkt 10c, 3 pkts 25c.

COLLECTION D

Sweet Scented Flowers.

Price per Coll.

5 varieties, including Musk, Mignonette, etc. \$0 20



COLLECTION E

Climbing Plants.

Price per Coll.

10 varieties, including Moonflower, Nasturtium, Gourds, Cobaea, etc. \$0 40

COLLECTION F

Ornamental Foliage Plants.

10 varieties, including Castor Bean, Perilla, Nicotiana, Amaranthus, etc. 35

COLLECTION G

Flower Seeds for Bouquets.

10 varieties, including Dianthus, Sweet Peas, Gaillardias, etc. 35

COLLECTION H

12 varieties of Annual Trailing Plants, suitable for hanging baskets or rock work; our own selection..... 50

COLLECTION K

20 varieties of Perennials, our own selection..... 1 00

COLLECTION L

12 splendid varieties of Everlasting Flowers, our own selection..... 50

COLLECTION M

20 splendid varieties of Everlasting Flowers, our own selection..... 75

We cannot permit any change in the composition of these collections.

Simmers' Collections of the most Esteemed German Flower Seeds

In ordering Collections the running number need only be given, with the year of publication of this Catalogue.

No.		Price per Coll.
1.	Asters—Truffaut's Pæony-flowered "Perfection" Pyramidal Double—Twelve very fine varieties.....	\$0 50
2.	Asters—Victoria Double—Six very showy varieties.....	30
3.	Balsams—Camellia Rose-flowered, Double—Ten fine varieties.....	50
4.	Chinese Primrose—Twelve varieties.....	2 00
5.	Hollyhocks, Chaters Prize—Twelve choice colors.....	50
6.	Larkspur, Double Hyacinth Flowered—Twelve choice colors.....	30
7.	Pansies—Large flowered, spotted, twelve distinct varieties.....	1 00
8.	Petunias—Large flowering, the finest mottled and striped varieties, ten varieties.....	1 00

No.		Price per Coll.
9.	Phlox Drummondii—Twelve varieties.....	\$0 50
10.	Phlox Drummondii—Six distinct varieties.....	30
11.	Portulacca, Single—Six distinct varieties, brilliant colors.....	30
12.	Poppy, Double or Pæony-flowered—Twelve superb varieties.....	30
13.	Stocks, Large, Pyramidal Double—Ten weeks, 12 colors.....	50
14.	Stocks, Large flowered, Pyramidal Double—6 distinct colors.....	30
15.	Stocks, East Lothian, Double, large flowered—6 distinct varieties.....	30
16.	Stocks, Giant Emperor, Double—Winter flowering, six very fine colors.....	40
17.	Zinnias, Double—Six distinct varieties.....	40

J. A. SIMMERS'

FLORAL NOVELTIES

and SPECIALTIES

.....for 1897.....



"Cupid" Sweet Pea.

DWARF SWEET PEA "CUPID"

791. This dwarf variety of the Sweet Pea is quite an acquisition both to the flower garden and the greenhouse. Its pure white flowers are of the full size of those of the ordinary Sweet Pea, freely produced, and fragrant. The entire height of the plant is about six inches, and yet there is nothing stunted looking about them. It is the only genuine Dwarf Sweet Pea. By some freak of nature it has lost the habits of a vine, and makes a low tuft of short branches which hug the ground, showing no tendency either to trail or climb. But it has not lost the free-blooming habit, and thus its blossoms, which are uniformly the purest possible white, form a low mass that nearly hide the foliage, and have all fragrance of the most favored Eckfords. The flowers are the size of the *Emily Henderson*, but with more substance in the petals of both wings and standards than any other Sweet Pea. It bears two and three blossoms on the end of each stem,—all opening about the same time, so that it is unnecessary to pick a stem with a bud and an open blossom. Price, pkt. 10c., 3 for 25c., per oz. 50c.

Note—We expect to be able to offer a Pink Cupid for 1898, a fitting companion to the white variety already introduced.

ALLEN'S DEFIANCE

Mignonette

ONE OF THE GREATEST ACQUISITIONS OF
RECENT INTRODUCTION.

792. This strain is beyond question the acme of perfection. When grown under favorable conditions and with proper care, its spikes will not only be of remarkable size—from 12 to 15 inches long—but deliciously fragrant, much more so than any other variety. The individual florets are of immense size and stand out boldly, forming a graceful as well as compact spike. Its great strength is accompanied by extraordinary keeping qualities; the spikes have been kept in a vase three weeks after cutting, retaining their grace and fragrance until every bud opens. Per packet 10c., 3 for 25c.



"RED RIDING HOOD"

Quaint New Sweet Pea from California

793. In this variety we have a fixed type, and an entirely new departure in form. When fully developed the standard and wings are a pleasing rosy pink, shading to blush white at the calyx; the keel, which is almost completely enveloped, being nearly pure white. Although unusually robust in habit, it is early flowering, and in plenitude and continuity of bloom it excels all other existing sorts. The standard is diminutive and peculiarly convoluted, forming a hood around the wings, the tips of which protrude with slightly fluted edges, lending a novel and pleasing beauty to the flower. The fragrance surpasses in a marked degree that of other varieties of Sweet Peas. The length and rigidity of the stem is remarkable, as, when cut, it retains its stability for a much longer period than other sorts. This novelty is offered in Sealed Packets, 15c. each; 2 for 25c.



Allen's Defiance Mignonette.



Imperial Double Morning Glory.

NEW IMPERIAL Japanese Morning Glories

SINGLE AND DOUBLE

794. These magnificent Japanese Morning Glories beggar description in their striking and brilliant color effects. The eye is dazzled by tints of rose, shell pink, lilac and azure, and by the gorgeous purples and vivid reds in endless variety. Each flaked, clouded, starred or striped flower seems more unique and beautiful than the last, and one wonders how such marvels can be sold at any price. They are entirely distinct from the common Morning Glories, embracing a far greater range of delicate tints and rich colors. Indeed, the remarkable variety of tints and colors is almost endless. There are many extraordinary shades that can scarcely be named, and many peculiar combinations and variegations difficult to describe, there often being three or four colors in one flower, while all have white, pink, crimson or lilac throats. The vines of the different varieties vary considerably in height, but most of them climb from twenty to thirty feet, branching in all directions. The foliage also is very variable; some varieties have plain green leaves, others of rich golden bronze, many are blotched and variegated with creamy white and silver gray. The seed can be sown in the open ground in May, or started earlier under glass, or in the house. But, above all, the surpassing feature of these New Imperial Japanese Morning Glories lies in the entrancing beauty and gigantic size of the flowers; they measure from 4 to 6 inches across, and their greater substance causes them to remain open much longer than ordinary Morning Glories. The colors of the flowers, shadings and markings are limitless. Some flowers are of deep, rich velvety tones, others more daintily tinted and shaded than an artist's brush could portray. The solid colors range through reds, from soft rose to crimson, bronze and garnet; from light blue to ultramarine, indigo and purple; from snow white to cream and silver gray. Some are striped, starred and spotted; others have magnificent edges and throats. We especially noted a royal purple with broad white edge and a red throat, a blue with pink throat, a white flushed pink and a wine-red throat, a crimson with white throat, a carmine with white edge and red shaded throat, a claret purple with snow white throat, copper color with white throat, etc., etc. The New Imperial Japanese Morning Glories are by all odds the grandest climbers ever offered, and you should include them in your order. The single flowers are larger than the double, although the double ones embrace most of the charming colors found in the single.

Single Mixed. About twenty distinct varieties. Packet 10c, 3 packets 25c.
Double Mixed. About fourteen distinct varieties. Packet 10c, 3 packets 25c.

THE BRAZILIAN MORNING GLORY

(IPOMŒA SETOSA)

795. Magnificent summer climbing annual. It grows with the greatest vigor and luxuriance, branching and climbing in all directions. The leaves are 8 to 12 inches across and are borne from the ground up, overlapping each other and making a dense shade. Every part of the vine is thickly covered with short reddish hairs, which, with its immense leaves and large clusters of curious seed capsules, render it highly ornamental and give it quite a tropical appearance. We know of nothing so good for quickly covering a piazza, arbor or tree, and where a dense shade is required it has no equal. The flowers, which open in the morning, are three or more inches across, of a beautiful rose color, and are borne in large clusters very freely from July till frost. Per packet 10c, 3 packets 25c.

NEW IPOMŒA, NORTHERN LIGHT

796. This new plant has blooms some two inches in diameter, of pink lavender color, which come earlier in the season than any of the Ipomœas, which open in the evening. The foliage is large and handsome and remarkable in its drought-resisting qualities, the plant remaining green and fresh when others are yellow and withered from lack of moisture. The plants are the most rampant growers from time of germination, exceeding any other.

The stems of the vines are covered with thousands of hooked, greenish white, projecting points, as thickly placed as the red hairy spines on Ipomœa Setosa.

As a screen there is no plant which will cover more space in the same time, and it will grow fifty feet or more in one season.

Packet 10c, 3 packets 25c.

NEW YELLOW MORNING GLORY

"IPOMŒA CHRYSANTHA"

797. No one who has a trellis or arbor to cover should neglect to plant this new Morning Glory, the most rapid-growing of all annual climbing vines. The vines are literally covered with thousands of beautiful, pure yellow fragrant flowers, opening in the morning and remaining open until evening. Planted in rich ground, in a sunny situation, and given plenty of water, the vines attain a height of seventy-five feet.

Packet 10c, 3 packets 25c.

SPECIAL OFFER.—One packet of each of the Five New Morning Glories, 40c.



Imperial Japanese Morning Glory, Single.



SIMMERS' MAMMOTH CALIFORNIA PETUNIAS

798. THE grand improvements in Petunias for the past few years left the impression that the acme of perfection had been reached; but such was not the case. Our grower, a specialist in California, after crossing, hybridizing and selecting for several years, starting from the finest sorts then obtainable in Europe and America, aided by congenial culture and climate, has produced a strain of incomparable beauty, size and luxuriance, and remarkable in many respects. They are very deep-throated. Most of the flowers are exquisitely ruffled or fringed on the edges, and are of enormous dimensions, often 5 inches

across; but their great merits lie in the innumerable varieties of colors, many of them intense, with markings, veinings, blotchings and stripings, in the most grotesque and beautiful combinations, some with charming deep throats of yellow, white, black, green or maroon, running off into intricate veins or exquisitely pencilled combinations quite new in Petunias. Some of the colors are rich and gorgeous, and others of lovely delicate shades; the flowers are, moreover, of great substance.

Price—Mixed varieties, per packet 15c, 2 packets for 25c.

NAMED HYBRIDS OF SPECIAL MERIT

799. **Petunia, Giant of California—"Snowstorm."** Extra large flowers 4 to 5 inches in diameter, of splendid substance; purest glistening white, with ruffled or fringed edges; deep yellow throat. Price—Per packet 15c, 2 packets for 25c.

800. **Petunia, Giant of California—"Aurora."** The handsomest of all Petunias, a particularly lovely shade of rosy pink, with a distinct red band around the deep, exquisitely pencilled white throat; the flowers are of immense size and perfect shape. Price—Per packet 15c, 2 packets for 25c.

801. **Petunia, Giant of California—"Midnight."** The coloring of this variety is rich beyond description; dark claret crimson, with a surface bloom like that of a purple plum. In the sunlight it looks like crumpled velvet. The flowers are of immense size—4 to 5 inches across, fringed edges, and deep, intricately veined throats. Price—Per packet 15c, 2 packets for 25c.

SPECIAL OFFER.—One packet of each of the Four Giants of California Petunia, 50c.



New Climbing Nasturtiums

"HYBRIDS OF MADAME GUNTER."

802. A new section obtained by a French specialist by artificial hybridizing, and distinguished by dark-colored foliage and flowers of a richness and variety of coloring not to be found in any of the different classes of Nasturtiums heretofore grown. There have already been produced twenty-two different colors or combination of colors in these new hybrids, including various shades of rose, salmon, bright red, pale yellow, etc., either self-colored or spotted, mottled, striped and margined. For covering trellises, fences, arbors, piazzas, trailing from vases, over rock work, etc., nothing can equal the gorgeous effect produced by their marvellous quantities of bloom borne in uninterrupted splendor from early summer until cut down by frost. Their ease of culture and the few weeks of time required to bring them into bloom, the rapidity of growth, luxuriant and dense, to a height of 12 to 15 feet, and their freedom from insects, render them worthy of great popularity.

Price—Per packet 10c, per oz 25c, per 2 oz 40c, per l-4 lb 75c.



"Madame Gunter's" Climbing Nasturtiums.

THREE NEW DATURAS

New Datura **Variegated Cornucopia**

"Horn of Plenty"

803. In the wilds of South America a collector of Orchids came upon this floral gem; impressed with its beauty, magnificence and striking appearance, he secured all the obtainable stock and sent it for introduction in this country. The singular form, gigantic size, striking colors and pleasant odor of the flowers, make this novelty most conspicuous. The plant is of a very robust habit. The stem is thick, dark brown purple, shining as if varnished. The branches are very numerous, spreading symmetrically three or four feet in every direction. The leaves are large, of a dark green and gold variegated color. The flowers are trumpet shaped, measuring eight to ten inches across the mouth, and form three distinct flowers, growing each within the other; the throat and mouth of corolla, a most delicate French white, beautifully contrasted and marbled with royal purple on the outside. They are produced in great abundance, a single plant giving easily from 75 to 150 fragrant blooms during the season, followed by a large thorny seed vessel, which adds to the beauty of the plant. This novelty is of easiest culture, requiring to be planted in the house in February or March, and planted out in May, in a warm, rich soil. **Packet 10c, 3 packets 25c.**



Datura Cornucopia, Variegated



Types of Daturas

New Datura **"Ebony and Gold"**

804. A magnificent variety of striking beauty. The plant is of robust habit, about 3 feet high. The dark purplish stems shine as if varnished. The flowers average 8 inches long by 5 inches across the mouth, and are formed of two or three flowers growing one within the other, the interiors being rich golden yellow, contrasting beautifully with the shiny purplish black exteriors. The flowers are delightfully fragrant. Seeds started early will produce plants that will flower from early summer until frost. Often from 200 to 300 flowers are borne in a season. For specimens in the garden this novelty is extremely beautiful. **Packet 15c, 2 for 25c.**

New Datura **"Golden Queen"**

805. **Golden Queen**—Strong growing ornamental annual, with very large and showy flowers, making handsome plants 2 to 3 feet high, for flower beds or borders. It is a magnificent variety; stems a beautiful shade of green. The flowers average 8 inches long by 5 inches across the mouth, the interiors being pure golden yellow. Delightfully fragrant. Seeds started early in the house will produce plants that will flower from early summer until frost. Often from 200 to 300 flowers are borne in a season. **Packet 15c, 2 for 25c.**

SPECIAL OFFER—One Packet each of the Three Grand New Daturas for 30c.

New Cannas. Introduction of 1897

ITALIA—One of the wonders of recent introduction, growing from 6 to 9 feet high, with large, musa-like foliage. The flower spikes produce a number of extraordinary large flowers of a beautiful scarlet color, edged with yellow, a plant that should be in every collection. **Price \$1.00 each, \$10.00 per dozen.**

AUSTRIA—A companion to the above-named variety, the same wonderful qualities of growth and flowers, with the exception that its wonderful large blooms are of a canary yellow, faintly spotted with purple. **Price \$1.00 each, \$10.00 per dozen.** We will supply one of each for \$1.75, postpaid.

Asparagus Sprengeri

A most desirable new species, especially useful to grow as a pot plant for decorative purposes or for planting in suspended baskets; the fronds are frequently four feet long, are of a rich shade of green and most useful for cuttings, retaining their freshness after being cut for weeks. It will make an excellent house plant, as it withstands dry atmosphere and will succeed in almost any position. **Strong plants 50c each.**

New Violet, **California**

This variety was sent out last season from California with much enthusiasm as the finest single blue variety in cultivation. The flowers, which are very large, are borne on long stout stems, which makes it especially valuable for cut-flower purposes; they are intensely fragrant, and of a clear violet purple color that does not fade. **Plants 15c each, \$1.50 per doz.**



The California Violet

A Select List of FLOWER SEEDS INCLUDING all the Most Desirable

“THE Best, and nothing but the Best,”

is our motto in buying and growing seeds, and this applies especially to flower seeds. We know all the flowers we offer, from practical experience of a lifetime, and we have furthermore, “keep up with the times” by extensive trials and frequent trips to the seed growing sections of Europe and the United States, so we are not only “posted” on *what* to buy, but also *where* to buy to the best advantage of our customers.

REASONS WHY

WE SHOULD SUPPLY YOU
WITH FLOWER SEEDS.

Our packets are very liberal in size, containing in most cases, more seed than are needed for a home garden.

We supply Florists largely. Everyone knows that Florists who sow and cultivate seeds do it for a living, and can only use the *best*. Our sales to Florists increase from year to year, which is the best proof of the quality of our seeds. *You get the same quality* we sell to Florists, and that should convince you that it is **SIMMERS' FLOWER SEEDS** you want for your garden.

There is Money for You in Flower Seeds, and it will pay you to secure your neighbor's orders. We make these *Liberal Discounts*:

CUSTOMERS SENDING	\$1.00	} MAY SELECT	\$1.20	} Worth of Flower Seeds in <i>packets</i> . This discount, however, does not apply to seeds by weight or collections, nor does it apply to orders sent at different times during the season.
	2.00		2.45	
	3.00		3.75	
	4.00		5.00	
	5.00		6.25	

Glorious flowers cater to the æsthetic sense just as much as do good paintings, and unlike the latter are in reach of all.

In ordering Flower Seeds the running number need only be given with the year of publication of this Catalogue.
Full Cultural Directions for Sowing are printed on each and every package.

ABOBRA VIRIDIFLORA

18. An extremely pretty tuberous climber of the Gourd tribe, with handsome cut, glossy dark green foliage and small oval scarlet fruit, a perennial suitable for planting out during summer, forming beautiful garlands. The tubers have to be kept in a cellar or root house during winter. Per pkt 10c.
19. **Abronia Umbellata**—Handsome training annual for edging, pretty, pale rose flowers, similar to *Verbenas*. Per pkt 5c.
20. **Abutilon (Flowering Maple, or Chinese Bell Flowers)**. Very free blooming greenhouse shrubs, with handsomely varied and striped bell-shaped flowers; are very ornamental in flower beds. Will bloom the first season, when sown early, 2 to 6 feet. Per pkt 25c.

ACANTHUS

Stately foliage plants, suitable for specimens on lawns or in the borders, presenting a rich tropical effect. The leaves on Corinthian columns were copied by the ancients from this plant, half-hardy perennial.

21. **Acanthus Latifolius**. Per pkt 5c.

ACHILLEA

22. **ACHILLEA Ptarmica**—Hardy perennial, with bright rose-colored double flowers. Per pkt 10c.

ACROCLINIUM

(See Everlastings)

23. **ADLUMIA CIRRHOSA** (Mountain Fringe or Alleghany Vine), a beautiful, hardy, climbing perennial; flowers white with purple. Pkt 5c.

ADONIS

24. **AdonisÆstivalis (Flos Adonis)**
A pretty, hardy, scarlet annual, 18 inches high, of easy culture, flowering from July to September. Per pkt 5c.

25. **Adonis Vernalis** — A hardy perennial variety of the preceding, one foot high, with showy yellow flowers, very early in spring. Per pkt 5c.



AdonisÆstivalis (Flos Adonis),
Scarlet. Pkt 5c.

ACHIMENES

Splendid plants for the greenhouse or conservatory, flowers all shades of white, crimson, blue, etc., and afford a blaze of beauty the whole summer.

26. **Achimenes Hybrida**. Per pkt 25c.

Bulbs. Per doz 50c.

ACONITUM (Monkshood)

Showy hardy perennials, four feet high, growing in any good soil, even under the shade of trees.

27. **Aconitum Napellus**—Bright blue and white flowers. Per pkt 5c.

ANNUALS grow, bloom and die the first year from Seed.

BIENNIALS bloom the second year from Seed, and then die, though many, if sown early in the Spring, will flower the first year.

PERENNIALS usually bloom the second year from Seed, and continue to grow and bloom for many years. Some will bloom the first year if sown early.

AGATHÆA

28. **Blue Marguerite**—Hardy annual, blooming profusely with daisy-like flowers of a beautiful shade of blue, which contrasts finely with the golden-yellow centre, invaluable. Per pkt 10c.

REMEMBER — A yearly subscription to “American Gardening” goes with every Five Dollar (\$5) order of vegetable or flower seeds, plants or bulbs, not including collections or special offers.



Ageratum—Cope's Pet. Per pkt 10c.

AGERATUM

Very useful half-hardy annuals for borders and bouquets, flowers very regular, height one or two feet, except the Tom Thumb kinds, which are not over six inches in height; prevailing color, bright lavender blue.

29. **AGERATUM IMPERIALIS**—Dwarf white. Per pkt 10c.
30. — **Tom Thumb**—Mixed colors. Per pkt 5c.
31. — **Mexicanum**—Lavender blue. Per pkt 5c.
32. — **Mexicanum**—White. Per pkt 5c.
33. — **Cope's Pet**—Lovely azure blue; eight inches high. Per pkt 10c.
34. — **Tom Thumb**—Large flowering rose. This beautiful variety forms bushy compact plants about 12 inches high, bearing large trusses of rose-colored flowers in such abundance as to almost cover the plant. Desirable for pot culture, or as a basket or vase plant. Per pkt 10c.

AGROSTEMMA (Crown of the Field)

Free-flowering hardy annuals or perennials; flowers pink, in different shades; very pretty, like single pinks; height one to two feet; time of flowering from June to August.

35. **Agrostemma Cœli Rosa** (Rose of Heaven), annual. Per pkt 5c.
36. — **Hybrida Splendens** (Rose Champion), deep crimson. Per pkt 5c.

Simmers' Superb Double Asters

French, German and
Chinese Varieties.

For beauty and variety of habit, form and color, the Aster stands unrivalled, and of all flowers is best adapted to gratify the taste and win the admiration of every lover of floral beauty. All the varieties require rich, light soil, and in dry, hot weather might be mulched with well-rotted manure and frequently supplied with manure water. They are hardy annuals, but may be sown in pots, or under glass early, to have them flower sooner. See also Assortments, page 33.

Collection of Truffaut's
Pæony-flowered Asters,
12 colors, each 50c.

Collection of Improved
Victoria Asters, 6 colors,
each 30c.



Truffaut's Pæony-Flowered Double Aster.
Pkt 10c.



Simmers' Improved Victoria Aster.
Pkt 10c.

- 37. TRUFFAUT'S PÆONY-FLOWERED**
Double. Growth pyramidal, with
branchy stem, with large shell-petal-
ed flowers; height 2 ft, mixed . . . pkt 10
38. Glowing Crimson 10
39. Dark Blue and White 10
40. Lilac Blue 10
41. Pale Red and White 10
42. Pure White 10
43. Violet and White 10

- 44. Large Pæony-Flowered Robust**
Dwarf, most valuable, being con-
stant in growth, with handsome foli-
age and large beautifully-formed
flowers, brilliant colors, mixed 10

- 45. ASTER. "Snowball" or Prin-**
cess, White. This is the first variety
of an entirely new class which may
be best compared to Lilliput Dahlias.
A single plant develops as many as
thirty pure white flowers. Per pkt
10c, 2 for 25c.

- 46. Aster Harlequin,** 12 to 18 inches,
branching freely into the form of a
pyramid, and covered with a mass of
bloom; the colors range through vari-
ous tints of blue, purple and rose,
while some of the florets are marked
or splashed with white. Per pkt 10c.

- 47. ASTER, "Triumph."** This is one
of the most beautiful of all dwarf
Asters. Each plant forms an elegant
bouquet of itself about 7 to 8 inches high, the individual
flowers measuring from 2½ to 3 inches across, and are of
the most faultless Pæony form. The color is a pecu-
liarly rich and brilliant pure scarlet. It produces its
flowers in great abundance, each plant bearing at
least 30 to 40. Pkt 10c.

- 48. The Yellow Aster.** In this we have
the nearest approach to a yellow Aster,
which has been so long sought after 10

DWARF QUEEN

(The Finest Dwarf Aster)

This splendid Aster makes dwarf bushy
plants about 10 in. high, of compact habit
of growth, producing a great number of
double flowers.

- 49. White Queen** pkt 10
50. Crimson Queen 10
51. Queen Aster. Mixed colors 10
52. Simmers' Excelsior Mixture of
Tall Double Aster. This is a mix-
ture of the most beautiful, striking
and delicate colors of this variety,
selected from the cream of Truffaut's
desirable sorts, and includes our best-
named kinds. Like our other popular
mixtures of Pansies, Nasturtiums, etc.,
we select the finest special colors for
Simmers' Excelsior Mixture of
Tall Double Asters, and the Aster
lover will be astonished at the wide
range of colors given in this truly
Excelsior strain. Pkt 10c, 3 pkts 25c,
½ oz 60c.

- 53. Semple's Branching.** A choice
strain of American-grown Asters, which
has by careful selection been brought to
a high degree of excellence. The plants
are of branching habit, producing
twenty or more perfect flowers from 4
to 6 inches in diameter. Mixed colors 10



Chrysanthemum-Flowered Double
Dwarf Aster. Pkt 10c.



New Japanese Aster. Pkt 15c.

SIMMERS'

Improved Victoria Asters

Undoubtedly one of the most handsome
Asters in cultivation, of which we have
an excellent strain. Flowers very large
and perfectly double, of globular shape
and beautifully imbricated; plants are of
fine pyramidal form, 1½ feet high.

- Pkt.
54. Pink 10
55. Scarlet 10
56. Purple 10
57. White 10
58. Finest Mixed. Per oz \$2.50 10

- 59. Chrysanthemum. Flowered**
Double Dwarf, of very compact
growth, very abundant; later than
other varieties, therefore valuable
for succession; 1 ft, mixed colors 10

- 60. Crown or Cockade**—Large flowers with
two colors, the centre being white; height
1½ ft, varieties mixed 10

- 61. Giant Emperor,** beautiful class, large
double flowers, varieties mixed 10

- 62. Goliath White,** vigorous growth, produc-
ing immensely large flowers, upwards of 5 in.
diameter, so double as to appear in a sub-
conical form, of a dazzling white color 10

- 63. Hedgehog or Porcupine,** quilled double
Aster, the petals being sharply pointed, form
of plant pyramidal, upright branched, variety
of colors mixed 10

NEW JAPANESE ASTERS.

Messrs. Vilmorin-Andrieux & Co., seed growers of
France, describe these Asters as follows:—

- 64. The beautiful flowers of this new strain of**
Asters offer a most striking contrast with those
of any other variety. They are of immense size,
measuring from five to six inches across, with
long petals curiously waved and curled, so as to
give them a striking resemblance with the most
disheveled Japanese Chrysanthemums. It is a
vigorous growing plant, 14 or 15 in. high, well
branched, and producing quite a number of
those enormous flowers. It has obtained a first-
class certificate from the French National Horticul-
tural Society, which it well deserves, as may
be seen by the accompanying engraving, which
is a true representation of it. We offer beautiful
colors, mixed, per pkt 15c, 2 pkts for 25c.

ASTERS—Continued

ASTER "MIGNON" mixed—This beautiful Aster has rapidly acquired general popularity. We have, it is true, succeeded in obtaining several new colors; but they show, as yet such a tendency to vary that we are constrained to offer of them mixed seed only. It contains light blue, lilac, rose, carmine rose and crimson varieties in addition to the fine white one obtained by us several years back. We recommend this seed as sure to produce exclusively handsome flowers of perfect form. Per pkt 15c, 2 pkts 25c.

Globe Double—Flowering freely; very large, centre petals being incurved, outer petals recurved; habit of plant beautiful. Per pkt 10c.

Queen's Cockade—Growth half dwarf and globular, studded with double bright satin rose, white centered flowers. Per pkt 10c.

Rose—Height 2 feet; of robust growth, flowers beautifully imbricated, very double and attractive. A variety of colors mixed. Per pkt 10c.



Vick's White Branching Aster—Pkt 10c.

69. **Washington Needle, Light Purple**—Fine variety, with needle-shaped, very double flowers, of 4 to 5 in. in diameter. Largest flower in existence. Pkt 10c.

70. **Washington**—Pure white, flowers 4 to 5 inches in diameter and of perfect form, free bloomer. Per pkt 10c.

71. **Prince of Wales**—Dark crimson, very early, and large flowered. Per pkt 10c.

72. **China**—Double quilled Chinese Aster; 1 to 2 feet; in variety, mixed. Oz \$1, pkt 5c.

73. **Bettridge's Prize Quilled**—Remarkable for the globular form of flowers. Pkt 5c.

74. **Vick's White Branching**—This Aster is a strong grower of branching habit, and blooms later in the season than any other variety. The flowers are pure white, four inches and over in diameter, and borne on long stems. Pkt 10c.

Victoria—White, pink or crimson.....Per one-eighth oz., 50c.

Truffaut's—White, pink or scarlet....." " 40c.

Dwarf Chrysanthemum-Flowered, all colors mixed....." " 40c.

**ASTER SEED
BY WEIGHT**

SIMMERS' EXCELSIOR MIXTURE OF DWARF ASTERS.

Many of our customers may find difficulty in choosing among the above strains of Dwarf Asters, and where not desired for an even bed or border, we would recommend the planting of our **Excelsior Mixture**. It consists of the most distinct and lovely colors from all the above Dwarf Asters, and we guarantee it to give satisfaction. Pkt 10c, 3 pkts 25c.



Comet
or Poodle
Aster
Pkt 10c.

COMET OR POODLE—A handsome, new and very distinct Aster, resembling the Japanese Chrysanthemum in shape of flowers; the petals are very long and beautifully curled, are of a lovely delicate pink, bordered with white, bright pink, light blue white borders and other colors mixed.

75. Comet —Pink.....	Per pkt 10c.
76. Comet —Pink and white.....	" 10c.
77. Comet —Light blue.....	" 10c.
78. Comet —Pure white.....	" 10c.
79. Comet —Mixed.....	" 10c.
3 packets.....	25c.

AMARANTHUS

Plants grown exclusively for their foliage and in late summer and early fall, when they have reached their fullest development, the glowing effect produced by their mass of rich foliage is scarcely equalled by any class of plants. They succeed in any soil.

Per packet

80. **Amaranthus Atropurpureus**—Hardy annual, three feet in height, drooping flower plumes, heart shaped metallic-tinted leaves..... 5

81. **—Caudatus** (Love Lies Bleeding)—Hardy popular annual, 2 feet in height..... 5

82. **Melancholicus Ruber**—Half hardy annual, 2 feet high, with rich, blood-red foliage..... 5

83. **—Monstrous** (Prince of Wales Feather)—A hardy popular annual of pleasing effect, 2 feet in height..... 5

84. **Salicifolius** (Fountain Plant)—2 to 3 feet in height, of branched and pyramidal growth..... 5



Amaranthus Tricolor
Pkt 5c

85. **—Salicifolius Henderi**—3 to 5 feet high, forming a well-branched, gracefully curved pyramid, with pendant foliage 12 inches in length..... 10

86. **—Tricolor**, (Joseph's Coat)—Half-hardy annual, 1½ feet high, foliage beautifully marked, yellow, red and green, very showy..... 5

87. **—Tricolor Splendens**—An improved variety of the preceding, the foliage being more distinctly marked..... 5

AMMOBIUM (See Everlastings)

ALOYSIA—(Lemon Scented Verbena)

A perennial, popular, deciduous, greenhouse shrub known as the lemon-scented verbena *Aloysia Citriodora* (*Verbena Citriodora*)..... 10

ALYSSUM

Free flowering, pretty little plants for beds, edging or rock work. The annual variety blooms the whole summer, and the perennial is among our earliest and most attractive spring flowers.

88. **Alyssum Sweet**—White fragrant flowers, hardy annuals, 6 inches..... 5

89. **—Saxatile Compactum**—Golden yellow, shining; hardy, perennial, ½ foot high..... 5

90. **—Little Gem**—Of dwarf, compact habit, 3 to 5 inches in height, each plant covering a circle 15 to 30 in. in diameter. Flowers when quite small, and is a solid mass of white bloom from spring till late autumn..... 10

ALONSOA (Mask Flower)

Handsome bedding plants, succeeding well in any garden soil, freely producing flowers of great brilliancy from early summer until frost sets in; valuable for indoor decoration; half-hardy annual. Per pkt

91. **Alonsoa Warscewiczii**—Bright scarlet flowers..... 5

92. **—Linifolia**—Scarlet flowers, fine feathered foliage..... 5

AMPELOPSIS

93. **A. Quinquifolia** (Virginia Creeper)—One of the best climbing plants for permanent situations, as it is perfectly hardy, clinging to the sides of whatever it may be growing against by the rootlets which it throws out along the stems. Grows 50 to 100 feet high..... 10

94. **Ampelopsis Veitchii** (sometimes called "Japanese Ivy" and "Boston Ivy")—It clings to stone work, trees, etc., and is a splendid plant for covering unsightly objects; it attains a height of 50 feet. Perfectly hardy. See Plant List for Large, well-grown plants 10

ANAGALLIS (Pimpernel)

Pretty little trailing, hardy annuals, flowering profusely in summer; used with advantage for small beds, edgings, rustic baskets, vases or rock work.

95. **Anagallis Grandiflora**—Scarlet, blue and carmine mixed..... 5

ANCHUSA

Showy, hardy perennials, with intense blue flowers of the form of Forget-me-not, with clear white centre, continuing in bloom for a long time.

96. **Anchusa Altissima**—3 feet in height..... 5

ANGELONIA

Pretty hot-house plant, with fine musk-like scent; suitable for windows.

97. **Angelonia Floribunda Grandiflora**..... 15



Alyssum, Little Gem—Pkt 10c.

Aquilegia (Columbine)

Highly ornamental, hardy perennials, combining at once flowers the most curious in form with colors most striking and beautiful; height from 2 to 3 feet; seed germinates very slowly.

98. **Stellata, fl. pl.**, star-like double flowers, different colors, mixed, pkt 10c.
99. **Vulgaris, fl. pl.**, double flowers, showy, different colors, mixed, pkt 5c.

Arabis (Rock Cress)

Remarkably early flowering dwarf plants for rockeries, flower beds, edgings, etc. Continues in bloom from early spring until frost sets in; seeds may be sown any time from April to September in the open ground, and succeed in any garden soil height 9 inches, hardy perennial.

100. **Alpina**—Per pkt 10c.

Argemone (Prickly Poppy)

Showy hardy annuals; flowers the shape of a single poppy; leaves bluish green with white veins, forming a pleasing contrast; of easy culture.

101. **Grandiflora**—Height 2 feet, large flowered. Per pkt 5c.
102. **Mexicana**—Showy yellow Per pkt 5c.

Antirrhinum (Snapdragon)

Beautiful, showy, half hardy popular annuals or biennials, flowering freely in a great variety of bright, striking colors, under ordinary treatment, if sown moderately early in the spring.

103. **Majus**—Tall, extra fine striped and plain varieties. Pkt 5c.
104. **Dwarf, Extra Choice Mixed Colors**. Per pkt 5c.



Auricula Variegated
Pkt 10c.

Auricula

111. **Variegated**—Very beautiful, dwarf, hardy perennial, succeeds best in northern aspects not exposed to the sun; choice quality. Pkt 10c.

Balloon Vine (Love in a Puff)

112. A rapid growing, handsome summer climber, small white flowers; seed vessels resemble small balloons; 10 to 15 feet high. Pkt 5c.

Bartonia

113. **Aurea**, or Golden Bartonia—A favorite hardy annual, with showy, brilliant, yellow flowers, of easy culture. Per pkt 5c.

Beet

The ornamental leaved Chilian Beets are among the most useful of the decorative foliage plants. For ribbon beds or groups they are very effective.

114. **Red Chilian**—Scarlet ribbed. Oz 15c, pkt 5c.
115. **Yellow Chilian**—Golden yellow. Oz 15c, pkt 5c.
116. **Dracæna leaved**—Brilliant dark red foliage. Pkt 5c.

Begonia

Plants may be had in flower the first season from seed sown in February or March in a temperature of 60°. Set out in beds as soon as the ground becomes warm. Keep tubers over winter in dry sand.

117. **Single Tuberous Rooted, Giant Flowered**,—Finest mixed varieties. Per pkt 25c.
118. **Double Tuberous Rooted, Mixed**—Our seed has been hybridized, using the most double flowers and handsome single varieties. Per pkt 35c.
119. **Pearcei**—A magnificent tuberous variety, bright golden color. Per pkt 25c.

120. **Rex Hybride**—Ornamental leaved varieties. Per pkt 25c.
121. **VERNON**—The most useful and meritorious seed novelty introduced for years. Flowers of a brilliant orange carmine.

BELLFLOWER (See Campanula)**BLEEDING HEART (See Dielytra)****Bocconia**

122. **Japonica**—A hardy perennial foliage plant, of pleasing effect among shrubbery. 5 to 6 ft. Per pkt 5c.

Brachycome (Swan River Daisy)

Neat, Dwarf, half hardy annual, 6 inches high, flowers similar to the Cinerarias,

123. **Iberidifolia**—Blue. Pkt 5c.
124. **White**. Per pkt 5c.

Browallia

125. **Elata**—Blue. Per pkt 5c.
126. **Elata**—White. Per pkt 5c.
127. **Roezii**—Blue, yellow centre, Per pkt 10c.

Cacalia

128. **Mixed**. Per pkt 5c.

Calandrinia

129. **Grandiflora**—Deep pink. Per pkt 5c.

Cactus

130. Sow seed in flower pot saucers filled with coarse sand and cover with glass. A better way is to set the saucer of seeds into a larger one containing water. Put the young seedlings into very small pots. Many varieties, extra choice mixed. Per pkt 10c.



Antirrhinum, Tom Thumb. Pkt 5c.

Aristolochia (Duchman's Pipe)

105. **Bonplandi**—An exceedingly beautiful and interesting, rapid growing, deciduous hardy perennial climber, flowers resembling a tobacco pipe. Per pkt 10c.

Armeria (Thrift, Sea Pink)

106. **Formosa Rosea**—Commonly known as Thrift; hardy perennial of low growth, rosy flowers of long duration, like Everlastings; the plants are the best for edging borders or rockeries. Pkt 10c.

Arabian Primrose (Summer Flowering)

107. **Arnebia Cornuta**—A charming annual, growing in bushy form about 2 feet high and about the same breadth. It blooms with unusual profusion during the whole summer, one plant often producing from 100 to 150 spikes of exceedingly beautiful flowers, over $\frac{1}{2}$ of an inch across, and of a rich primrose yellow, marked with five black spots; the spots change on the second day to a rich maroon, and on the third day vanish, leaving the flower a clear bright yellow. It is an excellent cut flower, the blooms remain fresh in water for 10 days. Highly effective when grown in masses. Per pkt 15c.

Artemisia

108. **Stelleriana**—Hardy, showy perennial, with beautiful, silvery, large and gracefully cut leaves, of agreeable odor; a valuable bedding plant; flowers small. Per pkt 10c.

Asperula (Woodruff)

109. **Azurea Setosa**—A hardy annual of easy culture in any soil, and of most valuable qualities, with verberna-like umbels of azure blue flowers; height, 1 foot. Pkt 5c.
110. **Odorata**—A hardy perennial, 1 foot in height, the small star-like branches of fragrant white flowers appear in May and June. Pkt 10c.



Begonia, Verona. Pkt 10c.

mine; foliage of a glossy red growing more intense with the advancing season. It blooms profusely throughout the summer, and is destined to be a most popular bedder for parks and lawns, as well as highly satisfactory for pot culture. Per pkt 10c.



Brachycome (Swan River Daisy). Pkt 5c.



Begonia, Tuberous Rooted, Single. Pkt 25c.

SIMMERS' CHOICE DOUBLE BALSAMS

Balsams or Lady Slippers are old favorites with everyone, owing to their handsome double flowers, brilliant colors and stately growth. To produce very double flowers they must be transplanted in a rich soil, in a sunny position and frequently watered. Cutting out some of the side branches is also advisable, especially with the strong and bushy-growing varieties. Also called "Lady Slipper" and "Touch-Me-Not." In brilliancy of color, Balsams are equal to any class of flowers, and the easy mode of their cultivation renders them one of the most popular annuals in existence. They may be treated either as hardy or half-hardy annuals.

131. **Simmers' Invincible Camellia Flowered, Double**—Height 2 feet; flowers large, blotched with white like the Camellia, in variety of colors, mixed. Per pkt 10c, 3 pkts 25c, 1/2 oz 50c, oz \$2.00.
132. **Improved Rose, or Andrieux**—Height 1 1/2 ft.; flowers large, rose-petaled, double, of the most vivid as well as delicate colors. Pkt 10c, 1/2 oz 35c, oz \$1.25.
133. **Dwarf Double**—Not over 1 foot in height, flowering in such an abundant manner as to hide the leaves; quite distinct and true from seed. Per pkt 10c.
134. **Solferino Double, or Carnation Striped**—Distinguished by the flowers being striped and streaked with lilac and scarlet on satin-white ground. Pkt 10c.
135. **Camellia Flowered, Perfection, White**—(Queen's White), flowers pure white, of immense size and solidity. Per pkt 10c.
136. **Victoria Double**—Brilliant salmon-scarlet, finely spotted and streaked flowers on white ground, tall, very fine. Per pkt 10c.
137. **Camellia Flowered, Tall Double German Mixed**—This is not our superb "strain," but we are obliged to keep it to meet the large wholesale demand for a cheaper grade. We believe it to be as good as the Camellia Flowered Balsams generally sold. Per pkt 5c, oz 50c.
138. **Camellia Rose Flowered, Double**—Collection of 10 very fine varieties, 50c.

Calendula (Pot Marigold)

A showy, free flowering genus of hardy annuals, producing a pretty effect on mixed borders, and growing freely on any soil.

139. **Double Large Flowering Sulphur Yellow**—New light yellow variety of this favorite annual, compact habit, large well-filled flowers. Pkt 10c, 3 for 25c.



Simmers' Invincible Camellia Flowered Double Balsam—Pkt 10c.

Callirrhoe

152. **Pedata**—A half-hardy annual of the Mallow tribe, with large, deep, rosy flowers, produced in abundance during the whole summer; of easy culture; height 2 ft. Pkt 5c.

Campanula (Canterbury Bells)

Bell flowers, when well grown, are amongst the most attractive of hardy perennial plants, from the rich bell and saucer-shaped flowers in profusion of rich blue, white or flesh color; they succeed in any ordinary garden soil.

153. **Medium Mixed (Canterbury Bells)**—2 ft. high, large single blue flowers. Per pkt 5c.
154. **Medium, fl. pl., Mixed**—Double flowering variety of the preceding, constant from seed. Per pkt 10c.
155. **Pyramidalis**—3 to 5 ft. high, producing long spikes closely set with deep blue flowers. Per pkt 10c.
156. **Loreyi**—A dwarf hardy annual, with deep blue flowers. Per pkt 10c.
157. **Macrostylis**—A hardy annual, 15 inches high, forming a broad headed bush, surmounted with cut-shaped flowers 1 1/2 inches across, violet purple upon white ground. 20c.
158. **Cup and Saucer Campanula**—One of the prettiest hardy perennial Campanulas, the flowers grow in the form of a cup and saucer, and cover the plants with a profusion of bloom; the colors are principally white and rose, and occasionally blue. Pkt 10c, 3 for 25c.

159. **Striped Cup and Saucer**—A variety of the familiar "Canterbury Bell." The bells average 3 inches in length, and the saucers 4 to 5 inches across, of a satiny lavender. Plants form perfect pyramids of bloom about 24 inches high, bearing frequently from 100 to 200 of these exquisite blossoms, which last for weeks during the early summer. Hardy biennial. Pkt 10c, 3 for 25c.

Calceolaria

A most magnificent, early flowering class of indoor or hardy greenhouse plants treated as biennials, with remarkably showy interesting flowers, mottled and spotted in endless varieties of shade.

144. **Hybrida**—This assortment is mostly made up of self colors mixed. Pkt 25c.
145. **Hybrida, Shrubby**—Or perennial, for bedding out during summer, bright yellow flowers. Per pkt 50c.
146. **Hybrida, Maculata**—Variety of the preceding, with spotted or mottled flowers, highly improved. Per pkt 50c.

California Golden Bells

147. **(Emmanthe pendulifera)**—An annual bushy plant, 9 to 12 inches high, each branch is loaded with broadly bell-shaped pendulous of unwithering flowers, about 1/2 inch long, of creamy yellow color. The general effect of a branch is very suggestive of a long spike of Lily of the Valley, with large yellow bells, the foliage, however, is pinnatifid. Pkt 10c.

Calliopsis or Correopsis

Showy, free flowering hardy annuals, indispensable in any collection, adapted for bouquets.

148. **Tricolor**—Very desirable hardy annual, 1 to 1 1/2 ft., yellow flowers, dark centre. Pkt 5c.
149. **Cardaminæfolia, Hybrida**—Of more dwarfish habit than the preceding; dark brown. Per pkt 5c.
150. **Golden Wave**—Very showy sort, bright golden yellow flowers, dark centre. Pkt 5c.
151. **Correopsis Lanceolata, New Golden Correopsis**—One of the finest of hardy plants, large, showy, bright golden yellow flowers, freely produced on long stalks from June till frost, hardy perennial; 3 feet. Per pkt 10c.



Calceolaria [Lady's Slipper]—Pkts 25c and 50c.



Calliopsis Golden Wave—Pkt 5c.

Plants of Correopsis Lanceolata, see list of Perennial Plants.



Striped "Cup and Saucer" Bellflower—Pkt 10c.



Calendula, Double Large Flowering Sulphur Yellow—Pkt 10c.

REMEMBER

WHEN ASKED FOR

We Give a Copy of "Simmers' Vegetable and Flower Garden" with every Dollar's Worth ordered.

**Empress Candytuft**—Pkt 10c.

171. **Crozy's New French or Gladiolus Flowered**—This new and distinct class is of dwarf, compact habit, producing flowers similar to the Gladiolus, but excelling them in brilliancy, marking and variety of colors, embracing all shades. They are valuable for groups, solitary plants and for house decoration. They will bloom the first year from seed. Per pkt 10c.

Catchfly

172. A favorite hardy annual, one foot high, flowering freely, and suitable in any soil. Pink and white. Per pkt 5c.

**Crozy's New Dwarf Large Flowering Mixed Cannas**
10c per pkt, 3 pkts for 25c.**Canary Creeper**

(or Canary Bird Flower)

160. A well-known, pretty, favorite creeping annual, with bright yellow flowers shaped like a bird with partly extended wings, running up to 8 or more feet in height, in light, rich soil; it may be treated as a hardy or half-hardy annual. Per pkt 5c.

Candytuft

Hardy annual or perennial, yielding an abundance of fragrant flowers throughout the whole season in almost any soil or situation; it is a well-known favorite for beds, edgings, pots, borders, etc., deserving to be cultivated in every garden.

161. **Empress**—One of the finest varieties in cultivation. It is intermediate in height between the old Rocket and the newer Tom Thumb sorts. The plant is of a very branching habit, and when fully grown and covered with its large trusses of pure white flowers resembles a floral candelabra. Do not sow too thickly. Per pkt 10c, 3 pkts for 25c.
162. **Candytuft, Scarlet**—One ft. high. Per pkt 5c.
163. **Purple**—One foot high. Per pkt 5c.
164. **White Rocket**—Per pkt 5c.
165. **Snowflake White**—1 ft. high. Pkt 5c, oz 25c.
166. **Dwarf Tom Thumb, White**—Sweet scented flowers, nine inches high. Per pkt 5c.
167. **Mixed**—All colors. Per pkt 5c.
168. **Perennial (Iberis Tenoreana)**—A half-hardy, perennial shrub, 1 foot high, white fragrant flowers, for indoor culture. Per pkt 10c.

Canna (or Indian Shot)

Very stately and highly ornamental plants, with large, broad, massive foliage and rich crimson, scarlet or yellow flowers. When planted in groups or masses they impart a tropical aspect to the garden. They are half-hardy, and produce fleshy roots, which, if taken up and kept in a cellar, may be divided every spring and used like Dahlias for years.

169. **Indica**—Green leaved varieties, mixed. Pkt 5c.
170. **Red Leaved** Varieties mixed. Pkt 10c.

**Canary Creeper, or Canary Bird Flower**—Pkt 5c.**Castor Oil Bean (Palma Christi)**

Most favorite, stately growing handy annuals; from their tall growth and fine foliage well suited for decorating shrubberies or lawns.

173. **Borboniensis Arboreus**—Immense green foliage, 15 feet. Pkt 5c.
174. **Gibsoni**—Dark purple stems and leaves, 5 feet. Per pkt 5c.
175. **Sanguineus**—A distinct variety with beautiful, brownish-red foliage and bright seed pods, very effective, height 6 feet. Pkt 10c, 3 pkts 25c.
176. **Mixed**—In many sorts. Per pkt 5c, oz 20c.
177. **Zanzibarensis**—The new Castor Oil Plant from Africa. From seed sown in the open ground in May the plants are in full foliage early in July and attain a height of twelve to fourteen feet. The leaves are fully two and a half feet broad, beautifully lobed; the whole plant has a distinct and novel appearance, enhanced in the sunshine by a bright metallic hue; they charm at first sight and their usefulness is great. Solitary on the lawn it makes a perfect pyramid of foliage, thickly set with gigantic leaves; a dozen in a large bed make a most picturesque sight. Have you an ugly-looking corner? Simply plant a few of these new Giant Castor Oil Beans and you will be surprised how quickly it disappears. Per pkt 10c, 3 pkts for 25c, oz 25c, 1 lb 75c, 1 lb \$2.50, postpaid.

178. **Cambogiensis** (Cambodian Palma Christi)—They grow from six

to eight feet high in a few weeks from time of planting, with large palm-like leaves of a bronzy red maroon color, with large red veins. The leaf, stems and younger growth are of rich, reddish brown, while the main stems or trunk is of ebony black, the foliage in the sunlight glitters as if highly burnished. Price per pkt 10c, 3 pkts 25c.

Centrosema**Grandiflora**

179. A perfectly hardy perennial vine of rare beauty, which blooms in July from seed sown in April, and bears in great profusion inverted pea-shaped flowers, ranging in color from a rosy violet to a reddish-purple, with a broad, fathery white marking through the centre, the buds and back of the flowers being pure white. Per pkt 10c.

Examine our List of Novelties and Specialties in Flower Seeds on Colored Pages. You will be sure to find something to add to your order.

**Ricinus Zanzibarensis**—Pkt 10c, 3 for 25c.

SIMMERS' CARNATIONS

A magnificent genus of hardy popular perennials, with deliciously fragrant flowers of most brilliantly variegated colors. See also Assortments, page 38.

180. **Extra Choice Double**, mixed, saved from a rich collection of named flowers, which will produce splendid varieties. Per pkt 25c.

181. **Fine Double**, mixed, sweet scented sorts. Per pkt 10c.

182. **Remontant, Perpetual Flowering or Tree**, flowering almost constantly during the year, and in winter if kept indoors. Seeds from extra choice double flowers. Per pkt 25c.

183. **Early Dwarf Grenadin**. For yielding a quantity of double flowers for cutting, there is no carnation that can equal it. It will live through the winter with very little protection, being one of our hardiest sorts. Flowers salmon-red and sweet-scented. Per pkt 10c.

184. **Marguerite**, plants are of dwarf, compact and neat habit, branching closely above the ground, and do not require any support. They flower most abundantly, and throughout the whole year. Eighty per cent. of the flowers are very double, never burst, and embrace a great variety of colors. The

seedlings bloom in four months from planting, and by making repeated plantings flowers may be had all winter. Per pkt 10c, 3 for 25c, 7 for 50c.

For Carnation plants, see under Bulbs and Plants.

Chrysanthemum (Annual Summer Flowering)

Showy and effective garden favorites, extensively grown for cut flowers. The hardy annuals are summer-flowering border plants; good for pot

Marguerite Carnation. Pkt 10c.



culture, and quite distinct from the autumn-flowering varieties.

185. **Coronarium**, 2 ft. double white. Pkt 5c.

186. **Luteum**, 2 feet high, double yellow. Per pkt 5c.

187. **Single Mixed**, summer flowering varieties, 1 to 2 feet. Per pkt 5c, oz 30c.

188. **Eclipse**. Pure golden, with bright purplish scarlet ring on ray floret; disk is brown. Per pkt 10c, 3 for 25c.

189. **Dunnetti**, three-colored flowers, very pretty. Per pkt 5c.

190. **Grandiflorum Frutescens**. ("The Marguerite" or "Paris Daisy"). It produces freely its white star-like flowers under the most unfavorable conditions. Per pkt 10c, 3 pkts for 25c.

191. **Inodorum Plenisimum**. Double, snow-white, very free flowering and fine for cutting. A perennial flowering the first year from seed. Pkt 10c.

192. **Japanese Hybrids**. The seed here offered has been saved from a magnificent collection, from blooms that have been carefully crossed, and may be expected to produce some rare novelties in this popular flower. Chrysanthemum seed sown in spring will produce vigorous flowering plants by fall, and do better than old plants. Per pkt 25c.

Cleome (SPIDERWORT)

Very pretty half-hardy fragrant annuals, 2 ft high, flowers somewhat resemble a spider.

193. **Purpurea**, purplish blue flowers. Pkt 5c.

194. **Pungens** (Giant Spider Plant). A showy, robust growing plant, 4 to 5 ft high, producing long curious spikes of flowers of a bright rose color. Pkt 10c.



Chrysanthemums, Single Mixed. Pkt 5c.



Chrysanthemums, Double Yellow and White. Pkt 5c.

Centranthus

195. **Macrosiphon**, showy, low growing, hardy annuals, suitable for any ordinary garden soil. Pink flowers, 1 foot. Pkt 5c.

Clarkia

A genus of hardy annual plants of great elegance and beauty, succeeding well in any soil, and flowering freely in many shades of color.

196. **Mrs. Langtry**, a beautiful form of Clarkia. The petals have a even edge, the color of the flower being purest white, with an evenly-defined disc or centre of carmine crimson. It is remarkably free flowering, of dwarf compact habit; as a pot plant or for bedding purposes it will be most welcome, and its cultivation specially recommends its use for children's gardens and amateurs generally. Pkt 10c.

197. **Double and Single Varieties**, mixed. Per pkt 5c.

Clematis (Virgin's Bower)

These hardy perennials are most rapid growing climbers, producing an abundance of interesting, sweet-scented and showy flowers.

198. **Flammula**, sweet-scented white flowers. Per pkt 5c.

199. **Jackmanii**, rapid climber, with intense deep violet purple flowers of large size. Pkt 10c.



Cineraria Flower. Such as our strain of seed produces.

Cineraria

Hybrida or flowering varieties. A popular class, mostly indoor or greenhouse plants, yielding abundance of bright-tinted flowers early in spring in great variety of shades. Cinerarias grown from our strain of seed have been greatly admired on account of their large flowers and distinct colors.

200. **Hybrida**, extra select mixed. Per pkt 25c.

201. **Hybrida Grandiflora Maxima**, flowers twice as large as those of the preceding, and the plants not over 9 inches high. Per pkt 50c.

202. **Kermesina**. This superb variety is one of the richest colored of this beautiful class of plants. The flowers are of the largest size, averaging 2½ inches across, of an intense glowing velvety dark crimson. Per pkt 50c.

203. **Hybrida, double flowered**, representing every shade of color; unquestionably one of the best of recent introduction. Per pkt 50c.

Bedding Cinerarias

204. **Maritima**, a hardy perennial, extensively used for bedding purposes on account of the silvery, finely fringed foliage. Per pkt 5c.

205. **Acanthifolia**, silvery leaves, beautifully cut, 1 foot high. Per pkt 10c.

Cerastium

(Snow in Summer)

206. **Biebersteini**, one of the prettiest hardy perennial plants ever known for bedding out or rib-boning, being of dwarf growth, densely branching with leaves covered with a cottony down of snowy whiteness, and producing a profusion of elegant wild flowers. 6 inches high. Per pkt 10c.

Citrus

(LEMON TREE)

207. **Myrtifolius sinensis**, myrtle leaved. A most appropriate plant for indoor or parlor culture, growing easily under ordinary care and producing in time most beautifully fragrant flowers. Per pkt 10c.

SIMMERS' "VEGETABLE AND FLOWER GARDEN" is a neat little book, giving full and explicit directions how to grow Vegetables and Flowers. Price 15c, or, when asked for, free with every order for Vegetable or Flower Seeds amounting to \$1 or more.

See our premiums on order sheet.



Centranthus Macrosiphon. Pkt 5c.



New Marguerite Centaurea—Pkt 10c.
(See illustration on cover)

213. **Double**—We are satisfied that this new introduction will meet with a hearty welcome. In addition to the *Doubleness* of the flower, this strain contains a number of new shades. Pkt 5c.
214. **Cyanus** (Blue Bottle)—Different shades of colors, mixed, 2 feet high. Per pkt 5c.
215. **Suaveolens** (Sweet Sultan)—Bright golden yellow flowers, height 1½ feet. Per pkt 5c.

The following are beautiful hardy perennial plants, with silvery leaves of dwarf growth, useful for bedding, and treated as annuals if sold early in the spring.

- CENTAUREA OR DUSTY MILLER**—White leaved.
216. **Candidissima, Compacta**—Pkt 10c, 1000 seeds 75c.
217. **Gymnocarpa**. Per 1000 seeds \$1.00, pkt 10c.
218. **Gymnocarpa, Laciniata**—Foliage more lacinated. Per 1000 seeds \$1.00, pkt 10c.

Clanthus

(Glory Pea of Australia)

219. A splendid half-hardy shrub, 3 feet high, with large rich crimson shaded clusters of pea flowers, shaped like parrot bills. If sown early will flower outdoors the first year. Pkt 25c.

Clintonia

220. **Pulchella**—Elegant, tiny half-hardy annual, 6 to 8 inches high, sky-blue flowers, with white centre. Best grown in pots or in hanging baskets. Pkt 10c.

Cobæa

Elegant rapid growing climbers, 20 to 30 feet high, that can be grown in the greenhouse or conservatory or in the garden in summer, where from their luxuriance they are particularly desirable for covering arbors, walls, etc.; flowers large and bell-shaped.

221. **Scandens**—Large bell shaped purple flowers. Per pkt 10c.
222. **Scandens Alba**—Pure white. Per pkt 10c.

Coccinea Indica

(Or Scarlet Fruited Ivy Leaved Climber)

223. This is a remarkably pretty climber, foliage ivy-like, bright and luxuriant, never troubled with insects, and admirably adapted for trellises, arbors, etc. The small flowers are soon followed by numerous fruits 2 inches long, which turn to brilliant scarlet spotted with white. Half-hardy perennial—10 feet. Per pkt 10c.

Collinsia

224. **Bicolor, mixed**—Very neat hardy annuals, foot high growing in any light soil. Flowers purple, lilac and white spotted. Per pkt 5c.

Coleus

225. **Hybridus**—Beautiful ornamental plants both for hot-house and bedding out during summer; the broad oblong leaves being of a deep crimson brown color, edged with green, yellow, or salmon color, or mottled in a most picturesque manner. Simmers' finest mixture. Per pkt 25c.

Columbine

(See Aquilegia)

Commelina

226. **Celestis**—A pretty biennial of easy culture and of low growth; flowers bright sky-blue. Per pkt 5c.



Cobæa Scandens Pkt 10c.



Dwarf Cockscomb—Pkt 10c.



Celosia, "Ostrich Feather"—Pkt 10c.

Centaurea

(Corn Flower or Bachelor's Button)

Showy, free flowering, hardy annuals, succeeding well in any kind of soil.

New Marguerite Centaurea

208. This beautiful new annual comes to us from Italy, where it has been grown for a few years and was named after the Queen. It is the handsomest *Centaurea* known and should be planted in every garden. The plants grow about fifteen inches high and are of the easiest culture. The flowers are of the purest white, exquisitely fragrant, and are produced in great abundance. Having long stems, it is valuable both as a cut flower and for decorative purposes. Pkt 10c, 3 pkts 25c.

Centaurea Odorata Chameleon

209. A splendid companion to our lovely *Centaurea Margaret*. Its flowers are large, sweet-scented, and of a pale sulphur yellow, changing gradually into creamy white with purple shadings and again into pink. A remarkable and unique sort. Prefers a dry, sunny and airy situation. Pkt 15c, 2 for 25c.

210. **Odorata** (Mixed)—Habit same as the preceding varieties with a selection of finest mixed colors. Pkt 10c.

211. **AMERICANA**—Lilac flowers, 3 feet high. Per pkt 5c.

212. **Depressa**—Deep blue flowers, 1 ft. high. Per pkt 5c.



Centaurea, Double Mixed—Pkt 5c.

Cockscomb (Or Celosia)

Splendid half-hardy annuals, generally known. To grow them to perfection they should be planted in the richest compost in a sheltered position, and attention paid to removing all side branches, when very young, so as to produce one strong head.

227. **CRISTATA, Giant**—Mixed colors. Per pkt 5c.

228. **Dwarf**, mixed colors. Per pkt 10c.

229. **President Thiers, Glasgow Prize or Tom Thumb**—A fine dwarf variety, with dark leaves and crimson combs. Per pkt 10c, 3 for 25c.

230. **Japonica** (Japanese Cockscomb)—Plants 2½ feet in height, dark red foliage and stem, purplish-scarlet head. Per pkt 10c.

231. **Feathered Varieties in Finest Mixtures**—The plants are of uniform size, while the feathery flower heads on numerous branches are of most brilliant and distinct colors, brilliant scarlet and golden yellow predominating. Per pkt 10c.

232. **New Celosia "Ostrich Feather"**—This new Feathered *Celosia* produces very large plumes which are exquisitely curved and curled in exact resemblance of an ostrich feather. The plant grows about 3 feet high, is of handsome pyramidal form, and the numerous massive plumes waving gracefully above the foliage make it one of the most effective ornamental plants for either pot or out-door culture. It is of easy cultivation, requiring the same treatment as the ordinary Cockscomb. Per pkt 10c.

233. **"Golden Yellow" Branching Cockscomb** (*Celosia Japonica aurea*). In habit this is the same as the favorite crimson variety, forming a pyramidal branched plant about two feet high, each branch being surmounted with finely ruffled comb, bright golden yellow. Pkt 10c.

Collomia

234. **Coccinea**—A hardy annual, about 18 inches high, scarlet flowers, neat in bouquets, grown in any light soil. Pkt 5c.

Convolvulus

(Dwarf Morning Glory)

Very popular hardy trailing annuals, flowering in different shades of brilliant blue and purple, with white centre, until late in autumn.

235. **Minor, mixed**—Tricolor, sometimes striped sky-blue, white centre, yellow eye. Per pkt 5c, oz 25c.

236. **Double Flowering**—Flowers variegated, semi-double, but not very constant from seed. Pkt 5c.

237. **Mauritanicus**—A hardy trailing perennial with sky-blue flowers, 1½ inches in diameter, suitable for hanging baskets. Pkt 10c.



Cyclamen Persicum Giganteum—Pkt 10c.

Double Daisy

[Bellis Perennis]

253. **Simmers' Mammoth Daisies**—The double German Daisy is one of the prettiest dwarf hardy perennials in cultivation. It flowers the first year from being sown; seeds from the finest double sorts. Per pkt 10c.
254. **Pure White**—Double, valuable for florists. Per pkt 10c.
255. **Longfellow**—Fine large flowering, dark rose flowers. Per pkt 10c.
256. **New Snowball Daisy**—A sport of that charming variety Longfellow, which possesses the good qualities of its parents; long stem, free bloom and large double flowers, about 80 per cent. of which are extremely large and snowy white, justifying its name. Per pkt 15c.

Dictamnus

Very pretty hardy perennials; the leaves have a pleasant smell like lemon peel when rubbed.

257. **Fraxinella, or Gas Plant**—The ordinary purplish-pink form while not showy is stately, and the white variety is really handsome. It has strong, fresh, pleasant, lemon perfume, particularly so when you rub the flowers. Per pkt 10c.

258. **Fraxinella Alba**—White flowers. Per pkt 5c.

Didiscus

259. **Ceruleus**—A half-hardy annual 2 feet high, delicately formed foliage and sky-blue flowers in umbels, very useful in bouquets. Per pkt 5c.

Dielytra [Bleeding Heart]

260. **Spectabilis**—A beautiful hardy perennial, 2 to 3 feet high, feathered foliage, flowers lovely pink, drooping, heart-shaped, in numbers on slender stems. Per pkt 10c.

Digitalis [Fox Glove or Witch's Finger]

Well-known, showy, tall, hardy perennials, with large spikes of beautiful bell-shaped flowers in different shades of purple and pink and white; height about 3 feet.

261. **Monstrosa Purpurea** [Mammoth Foxglove]—The largest and best type, all colors, mixed. Per pkt 5c.
262. **Gloxinaeflora**—Large flower spikes, beautifully spotted, mixed. Per pkt 10c.

Datura [Trumpet Flower]

This genus forms part of our most showy plants, both with respect to flower and foliage; flowers are trumpet-shaped, almost six inches in length and very fragrant; they are half-hardy annuals, but every part of them is narcotic.

263. **Double Golden**—Large double flowers of a deep golden yellow, delightfully fragrant. Per pkt 5c.
264. **Fastuosa Huberniana**—Mixed, from large double flowers of various colors. Per pkt 5c.
265. **Arborea Simplex** (*Brugmansia*)—Large, single, trumpet-shaped, white, fragrant flowers, about 12 inches long; plant out in May. Per pkt 10c.
266. **Cornucopia** [Horn of Plenty]—The plant is of robust habit, with thick, brownish-purple, shining stems; numerous symmetrical branches spreading 3 or 4 feet in every direction, with dark-green, large leaves. The grand, trumpet-shaped flowers measure 7 to 9 inches in length and 4 to 6 inches across, and are formed of three distinct trumpet flowers growing each within the other: the mouth of the corolla is a delicate white, while the outside is richly marbled with purple. The remarkable form, gigantic size and royal colors of this grand novelty produce a striking effect. Per pkt 10c, 3 pkts 25c.

Cosmos

This plant for fall blooming has no superior. Sow in April or May, and transplant to open ground. From September till November they will be covered with hundreds of blossoms three inches across, resembling single Dahlias. Planted in pots and brought inside to flower like Chrysanthemums they are grand. Colors, from pure white to purplish-crimson. Foliage and flowers are unsurpassed for bouquets and vases.

238. **Fine Mixed**. Per pkt 10c, 3 for 25c.

239. **Pure White "Pearl"**—Per pkt 10c.

Cowslip

240. (*Primula Veris Suaveolens*)—A well-known, hardy early flowering perennial, appropriate for edging borders; flowers bright yellow and fragrant. Pkt 5c.
241. **Giant American Cowslip** (*Dodocatheon Cleve landi*)—It throws up stems of flowers fully 1 foot high, each surmounted by 6 to 10 large, beautiful, cyclamen-like flowers of violet blue, with yellow and black centre. It is perfectly hardy and a beautiful plant for partially shaded situations. Pkt 25c.

Cucumis

242. **Cucumis Flexuosus** (Snake Cucumber)—Fruit resembling a long green snake, upwards of seven feet in length, a great curiosity. Per pkt 5c.
243. **Perennis, or Perennial Gourd**—A rapid growing, half-hardy perennial climber, handsome fruit. Per pkt 10c.



Cosmos—Fine mixed. Pkt 10c.

Cuphea [Cigar Plant]

Remarkable for their beauty, freedom of blossom and ornamental appearance both in the greenhouse and in the arbor; admirably adapted for pot culture for blooming in winter.

244. **Platycentra** [Cigar Flower]—One foot high, intense scarlet flowers. Per pkt 10c.
245. **Roezii**—Three feet high, brilliant scarlet flowers, blooming in winter. Per pkt 10c.

Cyclamen

246. **Persicum Giganteum**—A graceful tuberous greenhouse or parlor plant, with beautiful deep pink or white fragrant flowers. Finest mixed colors. Per pkt 10c, 3 pkts 25c.

Cyclanthera

247. **Explorens**—Fast growing, hardy annual climber, fringed foliage, oval shaped fruit. Per pkt 5c.

Cyperus [Umbrella Plant]

248. **Alternifolius Variegatus**—A handsome foliage plant for the greenhouse or open ground; resembles an open umbrella frame. Pkt 10c.

Cypress Vine [Ipomoea]

249. **Cypress Vine** (*Ipomoea quamoclit*)—A beautiful scarlet or white flowering climber. Per pkt 5c.

Dahlia

It is strange how few people know that Dahlias can be raised from seed and bloom the first year. The seed we offer is saved from the choicest varieties only, and if sown early will bloom profusely all summer.

250. **Best Mixture of Double Dahlias**—A mixture of the best large flowering Pompon and Liliput Dahlias, partly from separate colors which will possibly produce some entirely new sorts not yet introduced. Per pkt 10c, 3 pkts 25c.
251. **Dwarf or Liliput Mixed**—The habit of the plant is extremely graceful, forming handsome globular bushes. Per pkt 10c.
252. **Single Mixed**—Saved from splendid new varieties, which for brilliancy of colors cannot be surpassed. Per pkt 10c.

For DAHLIA ROOTS see under Bulbs and Plants.

See "Novelties" for all the latest DATURAS.



Datura Cornucopia [Horn of Plenty]—Pkt 10c,

DELPHINIUM (Larkspur)

All Larkspurs, whether of hardy annual or hardy perennial nature, are remarkable for their great beauty, diversity of shades and high decorative qualities. They also differ greatly in their habit of growth, some producing magnificent spikes of flowers, others again being dwarf and completely covered with flowers. Sow the seed early, and they bloom freely the first year. See assortments, p. 38.

267. **Double Rocket Ajacis**, fl. pl., 2 feet high, with long spikes of various-shaded flowers. Per pkt 5c.

268. **Double Hyacinthiflorum**, hyacinth flowered, 1½ ft high, more compact in growth, flowers as fine as the preceding. Per pkt 5c.

269. **Emperor**, of symmetrical bushy habit, with a profusion of brilliant dark blue, red striped and tri-colored flowers. Per pkt 5c.

270. **Double stock-flowered**. The flowers, of a fiery carmine, are of great effect, and their principal merit consists in keeping their bright color even in a dry state. Per pkt 10c.

271. **Consolida Candelabrum**, fl. pl. Double branching, of compact branching pyramidal growth, 1 foot high; flowers in many colors; appearing in abundance in a candelabra like outline. Per pkt 10c.

HARDY PERENNIAL VARIETIES

272. **Cashmerianum**, a beautiful dark blue; blooms in corymbs of 6 or more; 15 in. Pkt 10c.

273. **Formosum**, 2 ft high; flowers in large spikes of exquisite blue and white. Per pkt 5c.

274. **Nudicaule**, of dwarf compact growth, producing flowers varying in color from light scarlet to crimson. Per pkt 15c.

275. **Sinense**, 2 feet high, flowering in loose clusters, sky blue, white or pink; excellent for bouquets. Per pkt 5c.

DOLICHOS (Egyptian or Hyacinth Bean)

276. **Giganteus** — A favorite hardy annual climber, of rapid growth, bearing large clusters of showy, fragrant flowers, the seed pods in form of beans, deep purplish blue colored. Per pkt 5c.

DRACOCEPHALUM (Dragon's Head)

277. **Moldavicum**, annual, 2 ft high, blue flowers. Desirable hardy annual plants of low growth, of quite an agreeable fragrance, easily grown from seeds. Per pkt 5c.

DIANTHUS—PINKS

A magnificent genus, combining some of the most popular flowers in cultivation, producing a great variety of brilliant colors and profusion of bloom. The hardy biennials and Japanese varieties bloom the first season, the same as hardy annuals, height 1 ft. The hardy perennial varieties are very fragrant and of easy culture in the garden or greenhouse.

DOUBLE ANNUAL VARIETIES

280. **Imperialis**, fl. pl. [Double Imperial Pink], about 6 inches high, in great variety of shades. Per pkt 5c, oz 75c.

281. **Chinensis**, fl. pl. [Double China or Indian Pink], about 12 inches high, of robust growth, extra double flowers, in great variety. Per pkt 5c, oz 50c.

282. **White Frill, or Mourning Cloak**. Double flowers of large size, rich and unique colors; rich purple maroon, almost velvet black, and sharply edged with clear white, making a striking and beautiful contrast. Per pkt 10c.

283. **Coronatus**, fl. pl., carnation striped, double China Pink. Per pkt 10c.

284. **Sinensis, Heddewigii**, fl. pl., Japan Pink, robust, growing exceedingly large, distinct showy flowers. Per pkt 5c.

285. **Heddewigii Albus Grandiflorus**, fl. pl., very large double white flowers. Per pkt 10c.

286. **Laciniatus**, fl. pl., very large double fringed flowers. Per pkt 10c.

287. **Coronatus Heddewigii Diadematus**, fl. pl. [double Diadem Japan Pink], extremely double, large flowering, beautiful shades. Per pkt 10c.

HARDY PERENNIAL VARIETIES

288. **Harlequin**. Large heads of flowers, from 4 to 5 inches across, each being composed of different colored florets, such as dark crimson, white, pink, flesh, striped, etc., etc. These colors bring out a richness and vividness of coloring that we have never before seen equalled. Per pkt 10c.

289. **Barbatus (Sweet William)**, 1 ft high, fine variety of colors, single, mixed. Per pkt 5c.

290. **Barbatus**, fl. pl., **Double Flowering Sweet William**, brilliant variety, mixed. Pkt 10c.

291. **Plumarius**, fl. pl., double flowered, pheasant-eyed pink, exquisitely fragrant. Pkt 10c.

292. **Superbus Nanus**, double white dwarf, an excellent and profitable variety for florists and for bedding out. Per pkt 10c.

293. **Pruinosus**, a hybrid of Sweet William, its flowers and growth being in every respect of unusually large dimensions. Per pkt 10c.

294. **Collection** 10 distinct varieties of Dianthus, 75c.



Branching Larkspur. Pkt 10c.

SINGLE ANNUAL VARIETIES

278. — **Crimson Belle**, very fine, large rich crimson flowers. Per pkt 10c.

279. — **Eastern Queen**, beautifully marbled, with broad bands of reddish lake upon petals. Most valuable. Per pkt 10c.



Dianthus Crimson Belle and Eastern Queen. Pkt 10c each.



Dianthus Heddewigii, fl. pl., or, Double Japan Pink. Pkt 5c.



Dianthus Laciniatus, fl. pl. Pkt 10c.

SALMON QUEEN

285. Its flowers are of a very distinct and perfectly new tint in this class. They are of the most brilliant salmon color imaginable, changing into a salmony rose when fading. The flowers are well formed and nicely fringed. The plants attain a height of 10 to 12 inches, like the other varieties of Dianthus Heddewigii. Per pkt 10c, 3 pkts for 25c.



Single Sweet William. Pkt 5c.

EVERLASTING FLOWERS

This class of plants has become very popular, and they are generally cultivated for their beautiful rich colored flowers, which are desirable for making up winter bouquets, wreaths and Christmas decorations. They should be cut when they come into full bloom, or before the flowers get too old and lose their bright colors, tied in small bunches and dried slowly in the shade with their heads downwards, to keep the stems straight.

Acroclinium

A beautiful class of half-hardy annuals, 1 ft. high; graceful border plants.

295. **Roseum fl. pl.**—Double flowers..... Per pkt 10
296. Mixed, rose and white..... 5

Ammobium [Winged Ammobium]

297. **Elatum**—A half-hardy, biennial, flowering the first year, double white, with yellow centre..... 5

Elichrysum

298. **Brachyrrhinchum** [Golden Ball]—1 ft. high, bright yellow flowers..... 10
299. **Bracteatum** [Snowball]..... 5
300. **Bracteatum** [Fireball]..... 5
301. **Compositum Minimum**—Dwarf, mixed, quite distinct. 5
302. **Monstrosum fl. pl.**—3 ft. high, double mixed..... 5

Globe Amaranthus

Handsome, favorite, hardy annuals, requiring light soil, and flowering freely in many shades during the whole summer.

303. **Globe Amaranthus**—(*Gomphrena Globosa*)—Bright purple flowers, 18 inches high..... 5
304. **White**..... 5
305. **Variegated**..... 5
306. **Orange Yellow**..... 5



Acroclinium Roseum, fl. pl.—Pkt 5c

Sea Lavender [Statice]

313. **Statice Bonduelli**—1 foot, bright yellow..... 10
314. **Alba**—white, variety of the preceding..... 10
315. **Incana**—Hardy perennial, sky-blue flowers..... 5

Waitzia

316. **Grandiflora**—Half-hardy, large yellow flowers..... 10

Xeranthemum

317. **Annuum**—Double white..... 5
318. **Imperiale**—Double dark violet-purple..... 10
319. **Superbissimum, fl. pl.**—Distinct double..... 10
320. **MIXED EVERLASTINGS**—A single pkt. will supply a great variety of the most attractive Everlasting Flowers. No more welcome present can be given to a visitor than some of these imperishable flowers. Three pkts for 25c..... 10



Elichrysum Monstrosum—Pkt 5c.

Helipterum

Per pkt.

307. **Sandfordii**—Pretty dwarf, hb.a., with bright yellow globular clusters of flowers..... 10

Podolepis

Half-hardy annuals, free flowering, fine for borders.

308. **Chrysantha**—1 ft., golden yellow..... 5
309. **Superba**—Dark red..... 5

Rhodanthe

One of the neatest of the genus of Everlasting flowering half-hardy annuals known, of low growth, in different shades of bright pink and white, with yellow disk.

310. **Maculata**—1 foot, deep carmine. 10
311. **Alba**—Pure white..... 10
312. **Atrosanguinea**—Dwarf, purplish crimson..... 10



Globe Amaranthus—Pkt 5c.



Acroclinium Mixed—Pkt 5c.

ORNAMENTAL GRASSES

Among the multitudes of plants cultivated for ornamental purposes some varieties of grasses are now considered as deserving a place, and no doubt their elegant form and delicate structure justly entitle them to the regard of every admirer of natural beauty. For this reason great attention is now paid to their cultivation in every pleasure ground throughout Canada with great success. The neatly formed flower stems of some of them are made use of with great advantage in bouquets, both dried and in a green state. In the following list we offer a few of the most desirable varieties. See also Assortments, page 38.

321. **Agrostis Nebulosa**—Annual dwarf, very graceful..... Per pkt 5
322. **Aira Flexuosa**—Perennial, 1 foot high..... 5
323. **Arundo Festucoides Aureo-Variegata**—Perennial, striped..... 10
324. **Avena Sterilis** [Animated Oats]—2½ feet, drooping flowers..... 5
325. **Briza Compacta** [Quaking Grass]—2 feet high, annual..... 5
326. **Briza Maxima**—Annual, 1½ feet high..... 5
327. **Bromus Briziformis** [Brome Grass]—Perennial, 1 foot..... 5

328. **Cenchrus Echinatus**—Annual, dwarf and interesting..... 5
329. **Chrysurus Cynosuroides** [Lamarkia]—Annual, dwarf, yellow..... 5
330. **Coix Lachrymæ** [Job's Tear]—Tropical annual..... 10
331. **Eragrostis Filamentosa** [Love Grace]—Annual, 1½ feet high..... 5
332. **Erianthus Ravennæ**—Hb.p., similar to Pampas Grass, 7 feet..... 10
333. **Festuca Altiissima**—Perennial, very large, 12 feet, very graceful. 10
334. **Gynerium Argenteum** [Pampas Grass]—Half-hardy perennial, 7 to 10 feet high, very stately looking..... 10
335. **Hordeum Jubatum** [Squirrel Tail Grass]—Annual, 3 feet high..... 5
336. **Lagurus Ovatus**—Annual, 1 foot high, very pretty..... 5
337. **Panicum Plicatum**—Perennial, 4 feet high, magnificent..... 5
338. **Pennisetum Longistylum**—Annual, 1½ feet high, very graceful. 5
339. **Stipa Pennata** [Feather Grass]—Perennial, 1½ feet high..... 10
340. **Tricholena Rosea**—Annual, dwarf, rosy spikes..... 5
341. **Uniola Latifolia**—Annual, 1½ feet high, very pretty..... 5
Ornamental Grasses Mixture—Pkt 10c.

The above entire collection, 1 pkt. of each of 21 sorts of Ornamental Grasses, for \$1.00. FREE BY MAIL.

SIMMERS' VEGETABLE AND FLOWER GARDEN is a neat little book, giving full and explicit directions how to grow Vegetables and Flowers. [Price 15c.] Or when asked for free with every order for vegetable or flower seeds amounting to \$1.00 or more.

See our premiums on order sheet.



Feather Grass



Quaking Grass



Pampas Grass



Eschscholtzia

Eschscholtzia (California Poppy)

Very showy hardy annuals, flowering abundantly until very late in autumn, similar to poppies; of dwarf growth; succeeding in any soil. Pkt.

342. **Californica**—Orange 5
 343. **Rosé colored** 5
 344. **White** 5
 345. **Mandarin**—Brilliant scarlet, distinct 10

Eccremocarpus (Calampelis)

346. **Scaber**—A rapid growing tender annual, with pretty foliage and clusters of handsome scarlet flowers. 10

Erythrina (Coral Plant)

347. **Crysta Galli**—An ornamental, half-hardy perennial shrub, fine for outdoor summer decoration, with beautiful foliage and superb spikes of scarlet pea-shaped flowers; five feet high. 10

Echeveria

348. **Metallica**—Bronze colored leaves. A dwarf, succulent greenhouse perennial, for bedding out during summer, with broad, massive, fleshy leaves. 25

Erysimum (Hedge Mustard)

349. **Perofskianum**—A handsome free-flowering, hardy annual, one and one-half feet high, orange colored fragrant flowers, very showy. 10

Euphorbia (Snow on the Mountain)

350. **Variegata**—Half-hardy annual, 1½ feet high, showy, excellent for borders 10
 351. **Heterophylla**—(The gorgeous Annual Poinsettia). "Mexican Fire Plant" or "Fire on the Mountain." Three packets 25c, 10

Everlasting Pea (See Lathyrus)**Evening Primrose or Sun Drops** (See Enothera)

Flowering Bulbs of Gladiolus named Varieties and mixtures are offered on page 64.

Gaillardia Truly elegant, half-hardy, perennial plants, flowering the first year, or hardy perennials of dwarf habit and flowers of two or three striking colors, in form of cockades.

372. **Grandiflora**—The largest flowering variety of these popular annuals, very showy, many colors, mixed. Per pkt 10

373. **Picta Lorenziana**—The ray and disc flowers of this new variety develop into tubular funnel-shaped florets, one above another. 10

HARDY PERENNIAL VARIETIES

374. **Gaillardia Hybrida Maxima**—These are the choicest of hardy perennials; flowers are large, numerous, excellent for cutting and of brilliant shades of orange, crimson, scarlet and vermilion, and very often a combination of all these colors in one flower; many colors, mixed 10

- Gamolepis** 375. **Tagetes Pumila**—Half-hardy annual, 1 ft. with feathery foliage and dark yellow, star-like numerous flowers. 10

Gentiana

376. **Acaulis**—Short-stemmed hardy perennials, much used for edging; flowers dark blue. 10

Glaucium (Horn Poppy)

377. **Corniculatum** (Horn Poppy)—Gray tinge, ornamental, hardy, robust, perennial foliage plants, used for ribboning or bordering 10

GLOBE AMARANTHUS (see Everlastings)**Forget-Me-Not**

Charming little hardy perennial plants, with an abundance of star-like little flowers, well adapted for small beds, hanging baskets and rockeries. Per pkt.

352. **Alpine** (*Myosotis alpestris*)—4 ins. high, delicate sky-blue. 5

353. **Victoria**—The flowers are large and of a bright azure blue, with yellow centres. The plants form neat bushes, completely covered with flowers; a valuable variety for cut flowers and pot culture. 10

354. **Compact Blue**—9 inches high. 10

355. **Dark Blue** (*azorica*)—Flowers half an inch across; rich turquoise blue, without eye; large clusters. 10

356. **White flowering**. 10

357. **Clear Blue** (*dissitiflora*)—One of the best of all the Forget-Me-Nots. It is of a remarkably compact habit; profuse bloomer, having the appearance, when in full flower, of a sheet of exquisite blue; attractive and pretty. 10

358. **Palustris**—Beautiful blue flowers, 1 ft.; suitable for swampy ground. 5

- Ferns** 359. To raise them from seeds is attended with some difficulty; full directions, however, are printed on the packages. 15

- A choice mixture of hardy kinds 15
 Collection of **Ferns**, twelve varieties, \$1.50.

FEVERFEWS (see Matricaria)**Four O'Clocks** (see Marvel of Peru)

Fragaria A yellow flowering half-hardy perennial, producing pretty scarlet but tasteless fruit in succession almost during the whole year; a desirable plant for hanging baskets.

360. **Indica** (*Indian Strawberry*) 10

- Freesia** 361. **Freesia, Refracta Alba**—Very easily grown bulbs, which can be readily produced from seed. The flowers are pure white, with yellow throat and are exquisitely fragrant. Three pkts 25c, or. 10

- Fuchsia** 562. (*Lady's Ear Drop*). A most pre-eminently beautiful popular greenhouse or parlor plant, generally known by the name of *Lady's Ear Drop*. Variegated mixed. 25

- Geranium** 363. **Zonale**—Scarlet sorts mixed. 10

364. **Double, Mixed**—This seed will produce a large percentage of double flowers of extra fine colors. 25

365. **Apple-Scented**—This fragrant favorite variety can only be grown from seed to form fine plants. Sow in light soil, and keep moist until they germinate. 10

366. **Pelargonium, Mixed**—From fancy and spotted greenhouse varieties. 25

- Gilia** Hardy annual; very free flowering; suitable for sowing in masses. 367. **Achillæfolia Rosea**—2 ft. high, rosy flowers. 5

368. **Capitata**—2 feet, sky-blue. 5

369. **Tricolor**—1 foot, white, lilac and purple. 5

Gladiolus

370. **New Hybrid Gladiolus Seed Mixture**—This stock represents the greatest advance in commerce to date, embracing Lemoinei, Childsi, Nanciean, Gandavensis varieties, and is raised from a very large collection of 1,000 named varieties. Pollinizing is done by hand, both parents being protected during the operation, every cross having been made with the view of improving the size, beauty and color of the flower and strength of the plant. Price in sealed packets (50 seeds), only 25

371. **Gladiolus Gandavensis**—Mixed. 10

Grevillea (Silk Oak)

378. **Robusta**—Very beautiful and graceful foliage; highly valued as a decorative plant for table and tropical lawn effects; tender perennial, 3 to 5 ft. 10

Gloxinia (*Hybrida Crassiflora*)

Bulbous-rooted plant, producing in great profusion during summer months large, bell-shaped flowers of the richest and most beautiful variety of brilliant colors. The bulbs must be kept warm and dry during the winter; 1 foot.

379. **GRANDIFLORA, with erect flowers**—A mixture of the finest spotted and blotched varieties. 25

380. **With drooping flowers**. 25

(*Gloxinia* Bulbs, splendid large flowering bulbs, sure to produce first class bloom. Price, per bulb, 15c, 4 for 50c, \$1.50 per doz, postpaid).

Godetia

Highly ornamental hardy annuals, 2 feet, various shades of lilac and purple; growing in any kind of soil.

381. **Insignis**—Large flowered, mixed. 5

382. **Lady Albemarle**—Flowers large, of carmine-crimson shade, the edges of the petals suffused with pale lilac, dwarf. 5

383. **Lady Satin Rose**—A most magnificent sort, unequalled for brilliancy and richness of colors. The flowers, produced in remarkable abundance, are of a brilliant deep rosy pink, the surface shining like satin. 5

GOLDEN FEATHER (see Pyrethrum)

Gourds [Ornamental]. This most curious and interesting family is but little known, and we have succeeded in collecting one of the most complete lists ever offered. Start the seeds in pots in the house, and plant as soon as danger from frost is over, as nearly all the larger sorts require the whole season to mature properly. Give a sunny situation and plenty water. Customers selection of 6 pkts 25c.

- Per pkt.
384. **Flat Corsican**—Fruit in form of flat bottles. 5
385. **Dipper or Siphon**—A favorite variety. 5
386. **Herculean Club**—Fruit like large clubs 5
387. **Bottle**—Resembling a large bottle. 5
388. **Orange**—Fruit like an orange. 5
389. **Pear**—Like a pear in shape. 5
390. **Striped Flat**—Green striped, very pretty 5
391. **Nest-Egg**—Resembling an egg. 10
392. **Serpent**—Fruit 5 to 6 feet in length, which when ripe becomes a brilliant carmine color [scarce]. 10
393. **Mixture** of most of the above. 5

Gypsophila Hardy annual or perennial plants of low growth, producing multitudes of tiny white flowers, extremely neat in bouquets.

394. **Elegans, Mixed**—Annual, 2 feet high. 5
395. **Saxifraga**—Perennial, trailing white flowers. 5
396. **Paniculata**—White, fine for bouquets, perennial. 5

Hedysarum 397. **Gyrans** [The Telegraph Plant]. Possesses the remarkable property of setting one or more leaves in motion for an indefinite time without any apparent cause. Per pkt 25c.

Helianthus or Sunflower

398. **Nanus fl. pl.**—A dwarf variety growing about 2½ feet high, flowers very double, rich golden yellow, five to seven inches in diameter. Pkt 5c, oz 20c.



Ornamental Gourds

399. **Annus, fl. pl.**—Very tall, extra large and very double flower. Pkt 5c, oz 20c.
400. **"Texas Silver Queen"**—It is at home in the South, where it attains a height of 10 feet, branching from the ground to the top, and forming a perfect pyramid with upwards of 100 flowers on the one plant. Pkt 10c, 3 for 25c.
401. **Cucumerifolius**—Small-flowered dwarf single sunflower. Rich yellow. An abundant bloomer. Pkt 5c.
402. **Oculatus, fl. pl.**—Very double, tall, yellow, green centre. Pkt 5c.
403. **Globosus Fistulosus**—Flowers immense, from 12 to 15 in. in diameter, globular and extremely double, most effective of all annual Sunflowers. Pkt 5c, oz 15c.
404. **Multiflorus**—Hardy perennial, 5 to 6 feet high. Pkt 5c.
405. **Mammoth Russian**—As the name implies, of gigantic dimensions both of flowers and stalk; seeds are used largely for chicken feed. Pkt 5c, ¼ lb 10c, lb 25c.

Heliotropium 406. **Peruvianum**—Popular indoor or green house plants of low growth with deliciously fragrant purplish-blue or lilac trusses of delicate flowers. Mixed. Pkt 10c.

HELIPTERUM [See Everlastings]

Hesperis or Rocket (Dame's Violet)

407. **MATRONALIS**—Popular hardy, fragrant flowering perennials, 2 ft high. Mixed colors. Pkt 5c.

Habiscus A hardy, free flowering annual, 2 feet high, straw colored flowers, with prominent dark spots at the base, very desirable for mixed bed of flowers.

408. **Africanus** [Calisurus]. Pkt 5c.
409. **Syriacus** [Double Rose of Sharon]—Striking ornament of the garden, white and purple. Pkt 10c

Honesty 410. **Lunaria Rediviva**—Hardy biennial, admired for its silvery seed pouches, which are used for house ornaments, as they present a beautiful and rather curious appearance; 2 ft high. Per pkt 10c.

Hops This may be ranked among our most useful annual climbers. It is of incredibly rapid growth, and makes a thick cover on trellises, etc., and as it will thrive in almost any soil, and is only killed by hard frost, it is especially valuable.

411. **Hops**—The old standard variety. Pkt 5c.
412. **Japanese Variegated**—We recommend this extremely handsome and distinct climbing vine as very valuable for trellises and high places. The leaves are strikingly variegated and marked; the first color is bright deep green, distinctly marked and blotched with silvery white tinged with yellow; now and then a leaf will be almost snowy white, and another one, not far away, almost green. A superb, strong grower, 20 to 30 feet in a few weeks time; not injured by heat or insects. Pkt 10c, 3 for 25c.

Hyacinthus 413. **Candicans** [Cape Hyacinth]. A most beautiful autumn blooming plant for beds or lawn decoration, the flowers are fragrant, 1 to 2 in. across, creamy white, on spikes from 4 to 5 feet long, giving it the appearance of a most monstrous hyacinth, h.h.p., 4 to 6 ft. Pkt 10c.

Hyacinthus Candicans Bulbs—10c each; 3 for 20c; 75c per doz.

Humea 414. **Elegans**—Red, 3 feet high. A remarkably handsome plant, invaluable for decorative purposes; in the centres of beds its majestic appearance renders it a most effective and striking object; half-hardy biennial. Pkt 10c.

Ice Plant A pretty little trailing plant, much used for garnishing, the leaves of which are covered with crystalline globules; half-hardy annual.

415. **Mesembryanthemum Crystallinum**—[Ice Plant]. Pkt 5c.

416. **Tricolorum** [Dew or Wax Plant]—Small pink flowers. Pkt 5c.

417. **Cordifolium**—Heart-shaped, variegated leaves. Pkt 5c.

Impatiens Sultana 418. [Zanzibar or Sultan's Balsam]. Of compact, neat habit, and almost a perpetual bloomer. Planted in open ground in June, it grows luxuriantly, flowers with the greatest profusion. The flowers are a brilliant rosy-scarlet, about 1½ inches in diameter. Pkt 15c.

IPOMEEA [See Morning Glory and Cypress Vine.]



Where an attractive, ornamental climber is desired that will stand rough usage, we have nothing better.



Helianthus, or Sunflower (Dwarf Double). No. 398

Ipomopsis [Standing Cypress]. Mixed colors, stems 2 feet high. Remarkably handsome, free-flowering, half-hardy biennials for indoors, flowering the second year in different tints of bright orange-scarlet.

419. **Elegans**—Pkt 5c.

Kalanchoe Carnea 420. This strikingly beautiful decorative plant commences to flower at Christmas and continues to bloom throughout January and February. Its bright and pleasing color is very attractive during the dull winter months. It attains a height of about 18 inches and is of good bushy habit. The flowers are borne in large clusters, are of wax-like consistency, last a long time in perfection, are of a beautiful delicate pink color, and in addition, are deliciously fragrant. Per pkt 20c.

Kaulfussia 421. **Amelioides** [mixed]—A pretty dwarf, hardy annual. 6 in. high, dark purple, daisy-like flowers, desirable for early summer flower beds. Pkt 5c.

Kochia 422. **Scoparia** [Belvidere, or Summer Cypress]. Rapid growing graceful plants for mixed borders. Yellow, hardy annual, 3 feet. Pkt 10c.

Lantana 423. **Hybrida**—Fine mixed. A rapid growing, constant flowering, indoor shrub, for bedding during summer; 3 feet; flowers in heads of yellow, pink, orange or changeable colors. Pkt 5c.

LARKSPUR [See Delphinium]

Lavatera 424. **Hybrida**—Handsome, free, flowering, upright growing hardy annual, crimson rose flowers of the Mallow tribe. Pkt 5c.

Lavender 425. A hardy plant, bearing spikes of blue flowers, which are cut and dried for their fragrance; perennials, from 1 to 2 feet. Pkt 5c.

Layia 426. **Elegans**—A pretty and attractive little hardy annual, for cut flower purposes. The rays of the flower-heads are bright yellow with white tips. The head is as broad as that of a Marguerite, but it is more bulky, while the rays are much wider and touch one another quite closely all round. Pkt 10c.

LEMON VERBENA [See Aloysia]

Lily of the Valley 427. **Convallaria Majalis**—Lovely little spring-blooming plants, bearing pure white fragrant bell-shaped flowers. Pkt 10c.

For Flower Seed Collections see page 38.

SIMMERS' SUPERB DOUBLE HOLLYHOCKS (ALTHÆA ROSEA)

One of our grandest summer and autumn flowering plants, bearing long spikes of double flowers, 3 to 4 inches across. Hardy biennials, 5 to 8 feet high. The seed we offer has been saved from our unrivalled collection of choicest improved double varieties.

428. **CHATER'S EXTRA DOUBLE**—Most beautiful and true. Per pkt 15c.
 429. **Rosea, fl. pl.**—Tall, double Hollyhocks, from the best improved double varieties; various colors mixed. Per pkt 10c.
 430. **Rosea Nana, fl. pl.**—Dwarf, distinct variety, only 2 or 3 feet high, various colors. Per pkt 10c.
 431. **Double White**—Extra strain of perfectly double pure white flowers. Oz \$1.00, pkt 10c.
 432. **Double Yellow**—Comprising buff, straw color and orange shades. Per pkt 10c.
 433. **Bright Red**—Double. Per pkt 10c.
 434. **Bright Pink**—Double. Per pkt 10c.
 435. **"Tokio," Japanese**—A most beautiful Japanese variety, large double flowers; petals are beautifully frilled, rich wine maroon at base, shading to cherry red, edged white. Pkt 15c.

Collection of Hollyhocks—Chater's Prize Collection, 12 varieties, 50 cents.

For Hollyhock Plants to flower this year, see Plant List.

LOBELIA

Dwarf or Compact Varieties

- Little round compact plants, fine for edgings, ribbon beds, etc., 4 to 6 inches high.
 436. **Prima Donna**—A charming novelty; in habit dwarf and compact, rich, velvety, crimson maroon flowers. Per pkt 10c, 3 for 25c.
 437. **Crystal Palace**—Dark blue, fine for beds. Pkt 10c.
 438. **White Gem**—Pure white, compact habit. Pkt 10c.
 439. **Emperor William**—Blue, white eyes. Pkt 10c.
 440. **Star of Ischl**—Azure blue, beautiful. Pkt 10c.

Trailing Varieties

- Branching plants for hanging over vases and baskets, 6 to 9 inches high.
 441. **Gracilis**—Light blue, slender, trailing stems, grown for baskets. Per pkt 5c.
 442. **Erinus Grandiflora Stellata, or Paxtoniana**—Large blue flowers, white eye. Pkt 10c.
 443. **Erinus Globosa**—Dense branched, rosy white flowers. Per pkt 10c.
 444. **Erinus Speciosa**—Large, free flowering, sky blue, white centre. Per pkt 10c.

Hardy Perennial Varieties

445. **Fulgens** [Queen Victoria]—Beautiful border plant, with brilliant scarlet flowers and metallic crimson foliage. Per pkt 10c.
 446. **Cardinalis**—Scarlet, native of Canada. Pkt 10c.

LILIUM (Lilies)

- Lilium Candidum**—White, fragrant, easily grown. Bulbs, per doz. \$1.00; each 10c, postpaid.
Lilium Auratum—Extra strong Bulbs, per doz. \$2.00; each 20c; large Bulbs, per doz \$1.50, each 15c, postpaid.

For select list of Lilies for spring planting, see Bulbs

LIMNANTHES

447. **Douglassi**. Easily grown, free flowering, slightly fragrant plants, excellent for beds or edgings in damp, shady places; hardy annuals. Per pkt 10c.

LINARIA (Kenilworth Ivy)

Very pretty, hardy annual or perennial, trailing or low growing plants.

448. **Alpina**—Perennial, lilac shaded. Pkt 10c.
 449. **Cymbalaria** [Kentucky Ivy]—Perennial, purple and white. Per pkt 10c.
 450. **Hendersonii**—Annual, 1 foot high; lilac and yellow shaded flowers. Per pkt 5c.

LINUM (Flowering Flax)

- Free flowering hardy annual or perennial plants.
 451. **Grandiflorum Rubrum**—Crimson. Pkt 5c.
 452. **Perenne**—Perennial blue. Per pkt 5c.

LOPHOSPERMUM

453. **Scandens**—Exceedingly beautiful and highly ornamental genus of climbers, handsome, showy, foxglove-like flowers; half-hardy annual or biennial. Rosy purple flowers. Per pkt 10c.

LOVE-IN-A-MIST (Devil-in-the-Bush)

454. **Nigella Damascena**—Popular hardy annuals of low growth, handsome in bouquets. Blue white, mixed. Pkt 5c.

LUPINUS OR LUPIN (Sun Dials)

Desirable plants for bedding and bouquets, long graceful flower spikes, richly colored flowers.

455. **Mixed Annual Varieties**. Per pkt 5c.
 456. **Mixed Perennial Varieties**. Per pkt 5c.



Chater's Extra Double Hollyhock. Pkt 15c.



Marvel of Peru. Pkt 5c.



Maurandia. Pkt 10c.



Marigold, Double Tall African, Eldorado. Pkt 10c.

LYCHNIS

Beautiful hardy biennial and perennial plants, 3 feet high, remarkable, conspicuous heads of brilliant scarlet-shaded flowers.

457. **Chalcedonica**—Perennial, bright scarlet flowers. Per pkt 5c.
 458. **Grandiflora Gigantea**—A variety of the preceding, of dwarf nature, and with many large flowers. Per pkt 10c.

LYSIMMACHIA

459. **Nummularia** [Mother of Thousands], a very pretty trailing plant of easy culture. Per pkt 10c.

MALVA MOSCHATA ALBA

460. [White Musk-Scented Mallow]. An attractive garden plant; grows into a pyramidal bush; produces numerous white flowers size of silver quarter. Thrives best in a warm situation. Per pkt 10c.

MALOPE

A favorite hardy annual, 3 feet high, with large conspicuous flowers of the Mallow tribe.

461. **Grandiflora**—White and rose, mixed. Per pkt 10c.

MARTYNIA

Handsome, tropical annuals, for outdoor cultivation during summer, being raised indoors; 2 feet high, large leaves and trumpet-shaped flowers, producing curiously shaped seed pods, like horns.

462. **Formosa**, mixed. Per pkt 5c.

MARVEL OF PERU (Four o'Clocks)

463. (*Mirabilis Jalappa*)—Beautiful half-hardy annuals, both for foliage and flowers, producing roots like Dahlias; may be kept in cellar during winter and replanted every spring; 3 feet high; flowers are fragrant, especially in the evening. In many shades, mixed. Per pkt 5c.

Twelve distinct and very beautiful varieties Marvel of Peru. Collection, 30c.

MARIGOLD

Popular hardy annual border plants of magnificent effect; varying in height, form and color of flowers, but always being showy, desirable border plants.

Double African

464. **MARIGOLD, Double Tall African (Eldorado)**. The handsomest of the Marigolds, its color ranging from palest yellow to the deepest orange; flowers are large, almost round, and very double. Per pkt 10c.
 465. **Double Dwarf African**—1 foot high, orange color. Per pkt 5c.
 466. **Double Tall African**—2 feet high, orange color. Per pkt 5c.

Double French

467. **Double French, Tall Striped**—2 feet high, yellow flowers, with a broad stripe on each petal. Per pkt 5c.
 468. **Double Dwarf French**—1 foot high, flowers velvety brown, finely edged yellow. Pkt 5c.
 469. **Gold Nugget**—Dwarf, dense growth, and immense double flowers, which are of a peculiar shade of golden yellow. Per pkt 10c.

MATHIOLA (Evening Scented Stock)

470. **Bicornis**. A desirable half-hardy annual, 1 foot high, bushy, with rosy lilac flowers of a delicious perfume, especially in the evening. Per pkt 5c.

MATRICARIA (Feverfew)

Hardy perennials, flowering the first year, with daisy-like, double white flowers, 1 foot high.

471. **Capensis, fl. pl.**—Known as bridal rose. Per pkt 5c.
 472. **Eximea Nana Aurea Crispa, fl. pl.**—Dwarf growing, with golden yellow leaves, exquisite for bordering. Per pkt 10c.

MAURANDIA

473. **Maurandia**, mixed—The prettiest half-hardy climbing plants in cultivation, for trellises outdoors, or for greenhouse or parlor culture. Per pkt 10c.

MELILOTUS (Sweet Clover)

474. **Suaveolens**. Per pkt 5c.

MELOTHRIA

475. **Punctata** [African Oak-leaved Climber]. A magnificent, rapid growing, climbing annual. Flowers are succeeded by great numbers of blue-brown berries. Per pkt 25c.

MIGNONETTE

(RESEDA ODORATA)

Most popular fragrant flowering hardy annuals, of trailing habit and graceful appearance; indispensable in every garden.

476. **Large Flowered**—Sweet scented. Pkt 5c, oz 20c, 2 oz 35c, ½ lb 60c, 1 lb \$2.00.
 477. **Mile's Spiral**—Of dwarf habit, branching, large flowered spikes. Pkt 10c.
 478. **Parson's White**—Stamens white, flowers large and fragrant. Pkt 10c.
 479. **Golden Queen**—An entirely distinct sort of dense pyramidal habit, with Golden Yellow Flowers, which give it a most attractive appearance. Pkt 5c.
 480. **Compact Dwarf**—Of upright, compact, branchy growth, almost circular, with reddish tinted, numerous flowers. Pkt 5c.
 481. **Gabrielle**—New, red, very sweet, spikes very thick. Pkt 10c.
Allen's Defiance—See *Novelties*. Pkt 10c, 3 for 25c.

Four Giant Mignonettes

482. **"The Prize"**—This is a very distinct variety, the flowers being unusually large as well as remarkable for their beautiful color and delicious fragrance; flowers light red, excellent for bouquets. Pkt 10c.
 483. **Machet**—This extremely fine variety is undoubtedly the best Mignonette yet sent out. Vigorous dwarf pyramidal plants, very stout flower stalks, with numerous dark green leaves terminating in long spikes of deliciously-scented red flowers. Best for pot culture and valuable for borders. Pkt 10c.
 484. **Giant Red**—This wonderful Mignonette grows 12 to 16 inches in height, in pyramidal form; its **enormous flower spikes** are of the largest size, the individual blossoms of an **intense red color**, are very sweet-scented. One of the best for cut flowers and pot culture. Pkt 10c.
 485. **Bird's Mammoth**—Largest variety grown; under proper cultivation the spikes average 12 to 15 inches long, are very full and exceedingly fragrant. Pkt 10c.

SPECIAL—One packet of each of the above four Giant Mignonettes for 25c.

Musa Ensete [Abyssinian Banana]

486. A splendid plant for the open air in summer, producing a most striking effect when planted singly or in groups. In our hot summers it luxuriates and attains gigantic proportions when freely supplied with manure and water. The seeds germinate easily if started in hot-bed or bottom heat in greenhouse. Tender perennial, 10 to 20 feet. Pkt of 5 seeds, 25c.

Mimulus [Monkey Flower]

Extremely handsome, dwarf growing, half-hardy biennials, with delicate, large, beautifully tinted flowers, requiring shelter from the mid-day sun to bring them to perfection.

487. **Cupreus**—Spotted, marked, dotted and blotched, flowers on yellow ground. Pkt 5c.
 488. **Simmers' Mammoth**—Magnificent strain; unequalled for beautiful colors. Pkt 25c.
 489. **The Emperor**—The flowers are of the hose-in-hose style, remarkably rich and varied in color. Pkt 25.
Mimulus Moschatus—See **Musk Plant**.

Mina Lobata

(One of the Handsomest Climbers.)

490. A charming Mexican climber which somewhat resembles the Cypress Vine, except in color and shape of flowers, which are tube-shaped, borne on fork-like racemes and produced in great profusion. *Seed must be sown early.* Pkt 10c.

Momordica [Balsam Apple]

491. **Momordica Balsamina**—A trailing or low climbing half-hardy annual, the fleshy fruits, infused with sweet oil, being famous for curing wounds. Pkt 5c.

Moonflower

492. **Moonflower** (*Ipomoea Noctiflora*)—Bears in the greatest profusion its lovely white flowers, 5 to 6 in. in diameter, with five-pointed star in the centre: flowers open at dusk or earlier on cloudy days; deliciously fragrant. Start early in the house and set out as early as safe in the spring; the vines make very rapid growth, often attaining a height of 25 feet in one season. Pkt 10c, 3 for 25c.



Moonflower or Evening Glory—Pkt 10c,

Musk Plant

493. **Musk** (*Mimulus Moschatus*).

This fragrant and universally favorite little plant is well known and is equally at home in sitting-room, greenhouse or garden; half-hardy perennial. ½ ft. Pkt 5c.



Group of our Giant Mignonettes

Morning Glory [Ipomoea]

For the newest varieties of Morning Glory see *Novelties*.

Magnificent hardy annual climbers, very free flowering, trumpet-shaped, rich shades.

494. **"Morning Glory" Ipomoea Purpurea**—Mixed. Pkt 5c, oz 20c, ½ lb 60c.
 495. **Grandiflora**—Large flowering, Mexican. Pkt 5c.
 496. **Rubro-cœrulea, or Viola Vera**—Splendid large flowering, sky-blue, Mexican. Pkt 5c.
 497. **Variegated Leaved Morning Glory**—With silvery white marbled leaves distinct, Pkt 10.
 498. **Coccinea**—Neat scarlet flowers, feathered leaves. Pkt 10.
 499. **"HEAVENLY BLUE"**—Claimed as a cross between *Ipomoea Leari* and *Mina Lobata*. The foliage is very large, heart-shaped; flowers 4 to 6 inches across in large clusters, and of that indescribable light blue with a yellow throat suffusing softly into blue. The climber is so completely covered with bloom as to almost cover the foliage. It is also a splendid conservatory climber. Pkt 20c.
 500. **LEARI**—"The Blue Dawn Flower." Although this does wonderfully well outside in the summer, yet it is generally grown as a greenhouse climber, and it is most beautiful, bearing clusters of the most lovely sky-blue flowers imaginable, and measure fully 5 to 6 inches across. Pkt 25c.

A collection of 12 Distinct Varieties Morning Glory. Price, 30c.

REMEMBER

When asked for we give a copy of **SIMMERS' Vegetable and Flower Garden** with every Dollar's worth ordered.



Simmers' Mixture, Morning Glory—Pkt 5c.



NASTURTiums

SIMMERS' SPECIAL MIXTURE PKT 5c...

Popular hardy ornamental annuals, originally all creeping plants, but recently some have, by careful hybridizing, been changed into constant dwarf plants; producing most brilliant tints of flowers; all of easy culture in good garden soil.

TALL OR CLIMBING VARIETIES

501. **Simmers' Special Mixture**—Variegated. Pkt 5c, oz 15c, 2 oz 25c, 1 lb 40c, lb \$1.25.
 502. **Tall, Yellow**—Very fine. Pkt 5c, oz 15c.
 503. **Dark Brown**—Tall. Pkt 5c.
 504. **Hemisphaericum**—Very fine, tall, scarlet, 5c.
 One pkt of each of the above tall varieties, 15c.
Madame Gunther's Hybrids, see Novelties. Pkt 10c, oz 25c, 2 oz 40c, 1 lb 75c, lb \$2.50.

DWARF VARIETIES

505. **Simmers' Special Dwarf Mixture**—Pkt 5c, oz 20c, 2 oz 35c, 1 lb 60c, lb \$2.00.
 506. **Cloth of Gold**—Scarlet flowers and golden yellow foliage. Pkt 5c, oz 25c.
 507. **Lady Bird**—Orange, yellow and red spots. Pkt 5c, oz 25c.
 508. **Ruby King**—Crimson rose, distinct foliage. Pkt 5c, oz 25c.
 509. **Empress of India**—Very dwarf, dark tinted foliage, flowers brilliant crimson. Pkt 10c, oz 25c, 2 oz 40c.
 510. **King Theodore**—Dwarf, intense dark brown flowers. Pkt 10c, oz 30c.

511. **Dwarf Crimson**—Pkt 5c.
 512. **Dwarf Yellow**—Pkt 5c, oz 25c.
 513. **King of Tom Thumbs**—Scarlet. Pkt 10c.
 514. **Crimson Rose-Clored**—Dwarf. Pkt 10c.
 515. **Pearl White**—Cream color, very distinct. Pkt 10c, oz 30c.

One pkt of each of the dwarf varieties, 50c.

LOBB'S NASTURTiums

516. **Lobbi Mutabile**—Tall, with bright scarlet flowers. Pkt 10c.
 517. **Purpureum Violaceum, Tall**—Purple violet flowers. Pkt 10c.

Nemophila (Love Grove)

518. Of neat, compact habit, blooming freely all summer. If thinned to 4 inches apart the plants will present a dense mass.
Mixed—Many rich, bright colors. Pkt 5c.

Nicotiana (Tobacco Plant)

- The following are very ornamental half-hardy annuals, and very desirable.
 519. **Grandiflora Purpurea**—Large, massive foliage, dark purple red flowers. Pkt 5c.
 520. **Affinis (Sweet-Scented Tobacco Plant)**—Produces an abundance of large pure white flowers, which expand fully in the morning and evening, emitting a delicious fragrance. Pkt 10c.

Nierembergia

521. **Frutescens**—A half-hardy perennial, slender growing plant, perpetually in bloom, flowering the first year if sown early; desirable for the greenhouse, baskets, vases or bedding out; 1 foot. White, tinted with lilac. Pkt 10c.

Nigella (see Love-in-a-Mist)

- Nolana** 522. Very pretty annual, trailing habit, with Morning Glory-like flowers, well adapted to rock-work, 6 inches, hardy annual, mixed colors. Pkt 5c.

- Oxalis** Delicate half-hardy annual, and perennial, low growing plants with leaves like shamrock.

523. **Mixed**—9 inches high, rosy flowers, annual. Pkt 10c.

524. **Tropaeoloides (Corniculata)**—Short trailing annual, leaves distinctly marked brown-purple, yellow flowers. Pkt 10c.

525. **Valdiviana**—Perennial, flowering in the first year, bright yellow, sweet scented. Pkt 10c.

- Oenothera** 526. **Fine Mixed**—("Evening Primroses" or "Sun Drops"). Large, showy flowers, various colors, hardy annual, 1 to 2 ft. Pkt 5c.

- Perilla** Ornamental, half-hardy annual, deep, dark, purplish red foliage, for border or indoors.

527. **Nankinensis**—Leaves deep mulberry or purplish black, 1 foot high. Pkt 5c.

528. **Variegata**—With leaves finely variegated and veined. Pkt 10c.

- Picotee Pinks** Well-known plants of great beauty, combining with the most perfect form the richest colors; they have a delicate perfume, and are easily cultivated; 1 foot high, half-hardy perennials.

529. **Picotee Pinks**—Best double quality. 25c.

530. Pure white. Pkt 25c.

- Pentstemon** Very attractive and indispensable for beds, borders and cut flowers. The flowers are half-pendant, bell-shaped and marked and marbled in beautiful bright shades. They should be planted in a rich, open soil and protected during winter.

531. **Finest Hybrids**—A splendid mixture. Pkt 10c.

- Polemonium** Ornamental hardy perennials, with beautiful sky-blue flowers in bunches.

532. **Ceruleum**—2 ft high. Pkt 5c.

533. **Pulchellum**—1 foot high. Pkt 5c.

- Platycodon** 534. Hardy perennials, producing very showy flowers during the whole season. They form large clumps, and are excellent for planting among shrubbery.

- Mixed**—Blue and white. Pkt 10c.

Palma Christi (see Castor Oil Bean)

- Pæonia** 535. **Sinensis** (Chinese Pæonies)—Magnificent hardy perennial, 3 to 4 feet high, producing large, semi-double and double flowers, white, pink and purple shades, fragrant as roses; seed takes about two years before sprouting. Mixed. Pkt 15c.

Passion Flower

Splendid greenhouse or parlor climbers; some also for outdoors with curiously shaped flowers, the appendages of which are supposed to represent the passion of Jesus.

536. **Cœruiea**—For greenhouse or parlor, flowers light blue. Pkt 10c.

537. **Macrantha**—For greenhouse or parlor; glossy leaves, large, deep rosy pink flowers. Pkt 20c.

538. **Incarnata** (Southern "May Pops")—Blooms the first season from seed. Flowers 2 or 3 in. across, flesh white with purple rays, followed by yellow edible fruits. Pkt 10c.

Podolepis (see Everlastings)

- Polyanthus** One of our earliest flowering, popular; hardy perennials, of low growth, particularly suited for edging borders; flowers in an astonishing and great variety of colors, in form of Auriculas.

539. **Goldlaced, Mixed**—The flowers have a clear, even margin or lacing of gold on a ground-color, similarly well defined; extra choice, mixed. Pkt 20c.

- Polygonum** 540. **Oriente**—A hardy, graceful, showy annual, 5 feet high; fit for shrubberies or the centre of borders; rosy crimson, drooping flowerets, fine, light green, heart-shaped foliage. Pkt 5c.

SIMMERS' PANSIES

"SWEET-SCENTED" PANSIES. The result of crossing the Pansy (*Viola tricolor*) with the Sweet Violet (*Viola cornuta*); the resulting hybrids, in addition to retaining the delightful Violet perfume, produce beautiful Pansy-like blossoms, 2 to 2½ inches across, of great substance and of an endless variety of colors. The plants are hardy and vigorous, forming deep-rooted, compact-tufted clumps, covered with myriads of flowers. They are more perennial in character than Pansies, throwing out new roots annually, adapting them, where situation and soil are congenial, to permanent beds. The flowers, on long stems, shoot up like the Violet directly from the roots. They are not all equally fragrant, though the majority are highly scented.

552. **Mixed Colors**..... Pkt 25



Types of our Giant Striped Pansy and Giant Pansy Mixture. 1 Pkt, each 25c; or each, 15c.

541. **Giant Cassier**—A mixture of wellshaped flowers of gigantic dimensions, in choice variety, flowers marked with large blotches 15
 542. **Auricula Colors**—Very beautiful shadings 15
 543. **Emperor William**—Rich ultramarine blue, purple-velvet eye..... 15
 544. **Trimardeau**—Flowers large, with a dark blotch on the three lower petals. We recommend this as the best low-priced mixture of Giant Pansies. One-eighth oz 50c 10
 545. **Striped**—A beautiful mixture, flowers striped and mottled in various tints on contrasting grounds..... 15
 546. **Trimardeau Yellow**—Very showy color. 15
 547. **Trimardeau Purple**—Flowers very large 15
 548. **Coal Black**—Of immense size..... 15
 549. **Trimardeau White**—Most valuable addition, white, velvet centre..... 15
 550. **Beaconsfield**—This strain, combined with the peculiar coloring of the type, will elicit general admiration..... 15
 551. **Copper Color**—A most distinct and showy combination 15

Giant Pansies

The term "GIANT PANSIES" does not adequately describe these new strains, for, aside from the enormous size which gives them their name, their colorings are simply superb, and their form and substance perfect. The parent of most of these strains, the Trimardeau, when first introduced had only size to recommend it, the flowers being limited in coloring, irregular in shape and lacking in firmness. By continued improvement one beautiful color after another has been added to the list, and perfected from season to season by careful culture. Through personal inspection of the best European Pansy Cultures, we have again secured the cream of varieties from all quarters, combining with their giant proportions the most magnificent colorings.

WHILE the Giant-flowered Pansies are great favorites on account of the immense size of their flowers, Simmers' Premium Pansies excel in their endless variety of color, combined with perfection of form and velvety texture and substance of their petals. This strain, most celebrated all over Europe, is from a specialist who has devoted his life to the improvement of these flowers. No better strain of pansies is to be had. It is impossible to describe them, as they embrace all colors and markings.

SIMMERS' GIANT PANSY MIXTURE

553. **THIS** variety embraces, besides all the shades and colors, two special strains not listed elsewhere in this catalogue, and which can only be had in this, our Giant Pansy Mixture. This mixture includes the richest reds, coppers and bronzes, together with the most delicate rose and pink shadings, all the distinct colors of Trimardeau, the splendid Cassier strain with its delicate veining. We have secured the newest, richest and finest sorts. ½ oz \$1.00, pkt 15c, 2 for 25c.
 554. **Giant Paris Market**—Thousands of these Pansies are sold daily in the Paris markets. The flowers of this strain are as large as the Trimardeau and far superior in color and in substance of petals; the blotches are more conspicuous. Having a stout and stiff flowerstem, the flowers last longer. Pkt 10c, 3 for 25c.
 555. **Bugnot**—The flowers are of enormous size, perfectly round, of great substance and of the most varied and attractive markings and colors. Each petal bears a blotch veined to the edge; contains shades of red, bronze and reddish brown not found in any other Pansy mixture. Pkt 20c.

556. **Simmers' Extra Improved, large-flowering Premium Mixture**—Embracing all varieties named in the following list, Pkt and many other shades and colors 10
 557. **Lord Beaconsfield**—One of the most elegant Pansies in cultivation. Ground color purple violet, shading off in top to a whitish hue 10
 558. **Faust, King of the Blacks**—Almost black, darkest pansy known 10
 559. **Golden Margined**—Large and very showy 10
 560. **Velvety, Crimson Purple**—Large and beautiful 10
 561. **Bronze Colored**—Large flowers, very fine 10
 562. **White Margined**—Purplish crimson, showy and distinct..... 10

563. **Quadricolor**—One of the prettiest and most peculiar sorts; the flowers are of a reddish steel blue, with red and white edge..... 10
 564. **Emperor William**—Large handsome flowers, in great profusion, well above foliage, brilliant ultramarine blue, with purple violet eye..... 10
 565. **Dark Maroon**—Mottled with bronze, golden margined 10
 566. **Velvety Crimson**—Golden yellow ground and margin 10
 567. **Reddish Brown**—Rose margined flowers 10
 568. **Pure Yellow**—Fine for bedding 10
 569. **Cardinal Red**—New, rich brown scarlet 15
 570. **Simmers' Pure White "Snow Queen"**—As it reproduces exactly from seed, we very strongly recommend it not only for bouquets, but as a very valuable addition to the Pansy family 10

SIMMERS' PREMIUM PANSIES—Collection of 12 Separate Beautiful Sorts, \$1.00; Collection 6 Separate Beautiful Sorts, 50 cts.

571. **Odier** (Five-Blotched Flowering)—A magnificent French variety, petals having a large blotch, clearly defined margin; colors in many different variations, extra large..... 15

572. **Peacock**—A very free blooming and attractive Pansy, flowering early, remaining in perfection a long time. Flowers very large, with brilliant and novel coloring. The upper petals are royal purple, shot with peacock blue, lower petals also of these colors; this color has never been seen before in Pansies. The two lateral petals are rich maroon, all being encircled with a delicate tint of terra cotta rose.... 25

SIMMERS' MAMMOTH BUTTERFLY PANSIES

A very distinct strain which, after repeated trials, we have found worthy. The flowers are very large, of good form and substance and produced freely. In coloring they are varied, seldom two alike in an hundred plants. They are mottled and spotted, streaked, tigered and splashed, while the colors are mainly those rich wine-reds, chocolate, velvety red-brown, lavender, violet and purple shades, only found in a Pansy blossom. We offer a selection made by us this summer from the original introducer's strain.

573. **Mixed colors**, from the above and other equally beautiful varieties, Pkt The GRANDEST MIXTURE ever offered 25

PETUNIAS

Our strains of Petunias are the best obtainable, double and single.
For new varieties see Novelties on colored pages.

For out-door decoration or house culture few plants are equal to this class. They commence flowering early, and continue a mass of bloom throughout the whole season, until killed by frost; easily cultivated, requiring rich soil and a sunny situation. Of late years the single-striped, mottled and double varieties have been greatly improv. d. The strains we offer we can safely say without contradiction, are the best that can be procured either in this country or in Europe.

574. **Simmers' Extra Mottled Strain**—Large flowering, extra choice mixed from collection of fine flowers. 1/2 oz 30c; pkt. 10
575. **Belle Etoile**—A remarkably beautiful and large flowering strain of striped and blotched Petunias. 10



Simmers' Double Large Flowering Fringed Petunia—Pkt 50c.

576. **Simmers' Perfection, Extra Large Flowering Fringed Mixed**—A very highly developed strain, which is very deeply fringed and the ruffles in turn exquisitely fringed. The flowers of this strain are very lasting, and increase in beauty until they droop. 25

577. **Large Flowering Fringed Mixed**—Of fine bushy habit and blossoms of varied colors, striped, mottled, blotched and self colors. 15

578. **Large Flowering Emperor**—Very large, wide open blossoms, with colorings and markings very distinct from any other strains. The solid colors are particularly rich and velvety. Some of the crimson blossoms have pink star, some pure white stars, others are distinctly striped. Pkt 15c, 2 pkts 25c.

579. **Inimitable**—Red margined, blotched white. 15

580. **White Large Flowering** (Hybrida Grandiflora Alba)—Extra choice, large flowering, white, useful for cemetery work. 10

581. **Blue Large Flowering** (Hybrida Grandiflora Cœrulea)—Large flowers, rose. 10

582. **Collection of 10 Varieties Single Flowering Petunias**—Very choice varieties, striped and blotched, price. \$1.00 each

DOUBLE FLOWERING PETUNIAS

583. **Simmers' Double Large Flowering Fringed, mixed extra**—Our new selected types have deeper and finer fringe, brighter and more delicate colorings, of purer tones and greater variety than ever before offered. It is well known that the double Petunia grown from seed produces but a small percentage of double flowers. The balance in single flowers of the same rich shade. The weaker seedlings should be carefully selected, as these always produce double flowers. 50

584. **Simmers' Double Flowering**—Seed from double flowers grown in pots. 25



Simmers' Perfection Extra Large Flowering Fringed Mixed Petunia—Pkt 25c.

SIMMERS' PHLOX DRUMMONDII

(Improved Large Flowering Varieties)

The various varieties of this flower are noted for extreme richness of color, profuseness of blossom, and length of duration of bloom. It is one of our finest annuals, and whether in clumps or masses looks equally beautiful. Hardy annual; 1 1/2 feet. See also Assortments page 38.

585. **Grandiflora**—Finest mixed; 1/2 oz 40c; pkt. 5
586. **Discoidalis Grandiflora**—Larger and more numerous flowers. 10
587. **Delicata**—Delicate rose, white centre. 10
588. **Atropurpurea Striata**—Purple stripe. 10
589. **Black Warrior**—Dark red, nearly black. 10
590. **Coccinea**—Bright scarlet. 10

591. **Princess Royal**—Light purple with white streaks, very brilliant. 10
592. **Isabel**—Nankin Yellow. 10
593. **Leopoldi**—Bright rose with white eyes. 10
594. **Washington**—Violet purple with blackish brown and white throat, beautiful. 10
595. **Quadricolor**—Purple throat, violet eye, with a white and reddish lilas ring. 10

606. **Dwarf White**—A dwarf-growing variety of Phlox, remarkable for its incomparable profusion of flowers of asatiny white color. 10

607. **Perennial, Decussata**—Fine mixture. 10

PORTULACA

One of the finest hardy annual plants, of easy culture. The flowers are of the richest shades of color, and produced throughout the summer in great profusion; fine for massing in beds, edgings or rock-work; 6 inches.

608. **Splendens**—Single flowering, brilliant varieties. per pkt 5

609. **Double Flowering**—Choice mixed. 10

- Collection of six distinct varieties, brilliant colors.** 30



Fringed Phlox—Pkt 10c.

596. **Crown Prince**—Deep chamois rose, extra brilliant color. 10
597. **Radowitzii**—Rosy red, striped white. 10
598. **Rosea**—Deep rose. 10
599. **White**—Large flowering. 10
600. **William I.**—Bright crimson with stripes. 10
601. **STAR-SHAPED PHLOX**—"Star of Quedlinburg." Flowers of regular star-like form. Plant of compact habit, bearing large umbels of flowers; novel and beautiful; mixed colors. 10
602. **FRINGED PHLOX "FIMBRIATA"**—A distinct variety; resembles the ordinary Phlox Drummondii; flowers bordered white, which, with bright-eyed centre, picturesquely contrast with the magnificent velvety colors; more than 25 distinct colors. 10

603. **Double Scarlet**—With semi-double and double flowers; the trusses and individual flowers are equal in size to those of the dwarf compact varieties. 10

604. **Double White**—A profuse bloomer 2 pkts 25c; pkt 15

605. **Dwarf Scarlet**—Intense scarlet 15



Double Portulaca—Pkt 10c.

Simmers' Poppies

Most popular hardy annuals and perennials, with flowers of unusual brilliancy of colors. See also Assortments, page 38.

Single Annual Varieties

610. **Tulip**—A magnificent species, the plants grow about 14 inches high and produce from 50 to 60 large and splendid flowers, of the most dazzling scarlet. Per pkt 10c.
611. **Persian** (*Papaver Lavigatum*)—Color brilliant scarlet with shining black spots surrounded by a clearly defined white margin at the base of each petal. The two outside petals are double the size of two inside petals, so that each pair forms a separate cup; height 2½ ft. Per pkt 10c, 3 for 25c.
612. **Peacock**—The most striking feature of the flower is the conspicuous glossy zone which marks the petals, forming a complete ring. Per pkt 5c.
613. **"Danebrog" or Maltese Cross**—The flowers are of a dazzling scarlet color, each of the four petals is marked with a large silvery white blotch, forming a white cross upon scarlet ground, similar to the Danish and Swiss national banner. Per pkt 10c.
614. **Shirley Poppies**—These charming Poppies are generally single or demi-double. They range in color from pure white through the most delicate shades of pale pink, rose and carmine to the deepest crimson. Per pkt 10c.

Double Annual Varieties

615. **Grand Double, "American Flag"**—The plants are robust growers, about two feet high, well branched, bearing freely large flowers three to four inches across. Very double and charmingly colored; a pure white ground, margined dark orange scarlet. Pkt 10c.
616. **The Mikado**—One of the most charming poppies, introduced from Japan. The petals are whole at the base, while the edges are frilled in the most pleasing manner. The flowers are of a pure white at the back, while the fringed edges are of a brilliant scarlet. Per pkt 10c.
617. **Double French or Carnation Flowered** 3 ft. high, double. Per pkt 5c, oz 25c.
618. **Pæony Flowered**—Flowers in colors and size equal to Pæonies. Pkt 5c, oz 25c.
619. **White Swan**—The plants are about eighteen inches high, grow in a very pretty bush form crowned with flowers of enormous size, perfect form, very double and of the purest snow-white. Its flowering period is considerable longer than that of other poppies. Per pkt 10c, 3 for 25c.
620. **Golden Gate**—Exceedingly free blooming; the flowers single, semi-double and double, of medium size in the largest variety of colors imaginable. Per pkt 10c, 3 for 25c.
621. **Fairy Blush**—This charming Poppy produces pure snowy white, extremely double, flowers of perfect form and large size. Pkt 10c.
622. **SIMMERS' "SPECIAL" POPPY MIXTURE**—Comprises not only all the above named and described Poppies, but also a number of other sorts, specially purchased for this mixture, including some entirely new ones. Will make a grand display. ¼ oz 40c, pkt 10c, 3 for 25c.

Hardy Perennial Varieties

623. **The Great White California Poppy** (*Romneya Coulteri*)—This fine perennial is of stately beauty as an outdoor plant; flowering from July until November. Flowers are large—4 to 5 inches across—pure white with a fine bunch of yellow stamens. The plants attain a height of 6 to 8 feet, and are really magnificent. Per pkt 10c.
624. **Iceland** (*Papaver nudicaule*)—These beautiful perennial Poppies produce flowers in great abundance the first year from seed. The colors range from the purest white and yellow to the deepest glowing orange scarlet, and have a delicious fragrance. Mixed colors. Per pkt 10c.
625. **Papaver Orientale** (*Oriental Poppy*)—The prevailing color is the brightest scarlet imaginable, but they vary somewhat in shades, some being orange-scarlet, while others approach to crimson. The flowers are of very great dimensions, often measuring 6 inches across and endure the longest of any Poppy we know. They are hardy perennials and will increase in size and profusion of bloom with age. Per pkt 10c.
626. **Crocium**—Perennial yellow flowers. Per pkt 5c.



Shirley Poppy—Pkt 10c



Chinese Primrose—Pkt 25c.



Pkt 10c.

Chinese Primrose

(PRIMULA). For parlor culture as well as for the greenhouse, no plant is more acceptable than this class, as it can be made to yield an abundance of flowers all the year round. We procure every year the choicest varieties from one of the best and most celebrated growers in Europe. From the great demand we have we procure the largest quantity of this seed in Canada.

627. **CHINESE PRIMROSE** (*Primula Sinensis*)—Fine fringed, mixed, includes pink, white, red, and striped varieties. Per pkt 25c.
628. **Erecta Superba**—White fringed, in bunches borne well above the foliage. Per pkt 25c.
629. **Kermesina Splendens, single**—Deep pink, fringed flowering. Per pkt 25c.
630. **Carter's Holborn Blue**—A distinct and beautiful variety of Primrose, with azure-blue flowers of large size, thrown well above the foliage. The flowers are of good substance and elegant form, and are the first break in the way of blue primrose. Per pkt 50c.
631. **Fern-leaved** (*Macrophylla Fimbriata*)—With long massive fern-like foliage and beautiful flowers of great substance and elegant form, finely fringed, great varieties of colors, mixed. Per pkt 25c.
632. **Punctata Elegantissima**—Crimson, spotted white. Per pkt 50c.
633. **WILLIAMS' PRIZE**—Dark red, large fringed flowering; extra fine for pots. Per pkt 25c.
634. **Chiswick Perfection Red**—Large brilliant scarlet. Per pkt 50c.
635. **Alba Magnifica**—The finest pure white variety grown; flowers 2½ inches across with large yellow eye. Per pkt 50c.
636. **Erecta Superba, double white**—Double Flowering variety of No. 628; reproduces well from seed. Per pkt 50c.
637. **Double Mixed** varieties. Per pkt 50c.

Primrose (Primula)

The popular garden Primrose, is one of our earliest flowering hardy perennials, well suited for edging, and in a great variety of colors.

638. **Vulgaris**—The old fashioned common yellow primrose. Per pkt 10c.
639. **Japonica** (*Japanese Primrose*)—Of robust growth, rich magenta flowers. Per pkt 10c.
640. **Cortusoides** (*Siberian Primrose*)—An early, rose-purple flowering hardy perennial. Per pkt 10c.
641. **Obconica Grandiflora**, new large flowering (*Everblooming Primrose*)—One of the most useful plants grown; if sown early in spring will begin to bloom in May or June, flower throughout the year, flowers soft lilac shade. Per pkt 10c.
642. **Floribunda**—One of the prettiest and best Primroses, same general character as P. Obconica, only a lovely shade of primrose yellow. Fragrant, free blooming. Per pkt 10c.



Pyrethrum or Golden Feather—Pkt 10c.

Pyrethrum (Feverfew)

Ornamental hardy, low-growing perennial of easy culture.

643. **Carneum, fl. pl.**—Large double bright crimson flowers. Per pkt 10c.
644. **Roseum**—Flowers bright rose. Per pkt 10c.

Yellow Foliage Sorts for Bedding

645. **Parthenifolium, Aureum**—Golden yellow-leaved, dwarf, bedding plant, known as **Golden Feather**. Per pkt 10c.
646. **GOLDEN GEM**—The double flowering variety of the preceding. Per pkt 10c.
647. **Selaginoides**—A beautiful variety, handsome fern-like foliage. Per pkt 10c.

Rhodanthe (see Everlastings)



Dwarf Polyantha or Fairy Rose—Pkt 15c.

648. **New Dwarf Polyantha or Fairy Rose**—Roses from seed the first year. (See Illustration on Front Cover.) This remarkable little plant is a native of Lyons, the home of Roses, and promises to be the first of a new race of remonant, or Ever-blooming Polyanthus, with two prominent characteristics, they bloom in four months after sowing, so that seed sown in February in the house may be had in bloom in June in the open ground, where they continue to bloom throughout the season, or seed may be sown in the open ground and flower before autumn. A large bed of these Roses planned for trial with us flowered with the greatest profusion until frost, giving about an equal proportion of single, semi-double and double flowers borne in clusters. The plants are dwarf and bushy, growing only about 1 foot high, and very pretty for solid beds and borders. They are very hardy and may be treated as annuals. Pkt 10c, 3 for 25c.
649. **Roses**—The seed we offer is from the best mixture of hybrid, perpetual and moss roses, will flower the second year. Fine mixed. Pkt 10c.

Rudbeckia [Texas Cone Flower]

650. **Rudbeckia Bicolor**—A hardy annual of compact branching growth, producing flowers about three inches in diameter, of a bright yellow, red and blackish purple disk; height of plant about 1½ feet. Pkt 10c.

Salpiglossis [Painted Tube Tongue]

The large flowering Salpiglossis is one of the most beautiful of flowering annuals; the flowers are large, of many beautiful colors, and exquisitely veined and laced, 1½ feet high.

651. **Salpiglossis**—Large flowering mixed. Pkt 10c.

Salvia [Flowering Sage]

Magnificent half-hardy annual, biennial or perennial; some also greenhouse or in-door plants, remarkable for their showy numerous flowers.

652. **Salvia Splendens (Large Flowering Scarlet Sage)**—One of the most gorgeous of annuals, blooming throughout the summer and fall. The plants grow from one and one-half to three feet in height and form dense bushes, completely covered with showy sprays of most dazzling scarlet flowers. Pkt 10c.
653. **Salvia Coccinea**—1 foot high, scarlet flowers, annual. Pkt 10c.
654. **Farinacea**—3 feet, showing long spikes of blue flowers, annual. Pkt 15c.
655. **Patens**—2 feet high, biennial, in flowers of purest sky-blue imaginable. Pkt 10c.
656. **Dwarf Salvia**—A splendid sort, blooming about two months before the old variety and lasting until late in the fall. The plants are dwarfer and more compact in habit, while the flowers are of the brightest scarlet. Pkt 10c.
657. **Argentea**—2 feet high, silver leaves, blue flowers, beautiful perennial. Pkt. 10c.

Saponaria [Bouncing Bet]

658. Hardy, free-flowering annual or perennial plants of easy culture and different growth, the most of them being of trailing habits, and suitable for edging work or small beds. **Mixed**, all colors, 6 inches. Pkt 10c.

Sanvitalia

659. **Procumbens fl. pl.**—Beautiful trailing annual, well adapted from its compact growth for covering beds in the flower-garden; the double flowers are large in proportion to the plant; of rich brown and yellow. Pkt 10c.

Saxifraga

660. **Hueti**—Hardy perennials of trailing habit; for shady places, rockeries or hanging baskets, unequalled; flowering abundantly and constantly. Dwarf, white flowers. Pkt 10c.

Scabiosa [Mourning Bride or Sweet Scabious]

The "Mourning Bride" or "Sweet Scabious" of our old gardens, but much improved in size, colors and doubleness. They are very free bloomers, the colors white, carmine, lilac, maroon, etc.; excellent for bouquets.

661. **Tall Double Mixed**—All colors mixed. Pkt 5c.
662. **Dwarf Mixed**—All colors, 1 foot high; large flowers and robust in growth. Pkt 10c.
663. **Nana Striata fl. pl.**—Dwarf carnation-striped, double flowers. Pkt 5c.
664. **SNOWBALL**—The flowers of this pretty, new Scabiosa are large, measuring fully two inches in diameter, of purest snow white, very double. The stems are very stiff and strong, and the foliage a luxuriant green. If plants are potted in the fall they will furnish pure white flowers until Christmas. Pkt 10c, 3 for 25c.
665. **Golden Yellow**—This color has long been desired in the Scabiosa family, and is now obtained, after years of selection. The flowers are double, and of a fine pure yellow color. Pkt 20c.
666. **SCARLET RUNNERS**—Pkt 5c.

Schizanthus [Butterfly Flower]

Few plants are more attractive than these when well grown, whether in pots or in the border; they are of a branching elegant habit, well covered with peculiar shaped flowers, hardy annuals.

667. **Fine Mixed**—2 feet high, flowers orange and carmine shaded, spotted with yellow, resembling a small butterfly. Pkt 5c.

Statice—(See Everlastings)

Sedum [Stone Crop]

668. **Mixed**—Pretty little plants, growing freely on rock or rustic work, also on ornamental mounds, where they flower in great profusion; hardy annuals. Pkt 10c.

Senecio [Jacobaea]

669. **Elegans**—Double mixed. Valuable hardy annuals, compact, bushy in growth, one foot high adapted for bedding or indoor culture, producing multitudes of tassel-shaped small flowers. Pkt 5c.

Sensitive Plant [Noli me tangere]

A tender annual, half trailing, 1 foot high with very curious leaves; very curious and interesting plants; the leaves closing if touched or shaken; of very easy culture, succeeding in any soil.

670. **Mimosa Pudica**—Pkt 5c.

Silene

Elegant dwarf bushy annuals, bearing a profusion of bright attractive flowers through spring and summer; admirable for beds, margins, rockwork.

671. **Pendula Ruberrima**—Carmine rose flowers. Pkt 5c.
672. **Ruberrima, fl. pl.**—Double flowering variety of the preceding. Pkt 10c.

Smilax

A splendid perennial, greenhouse or parlor climber.

673. **Medeola Asparagoides**—Pkt 10c, oz \$1.00.

Snapdragon—(See Antirrhinum.)

Solanum

Very elegant, highly ornamental, interesting genus of fruit-bearing plants.

674. **Marginatum**—3 feet high, leaves white-edged and veined. Pkt 15c.
675. **Capsicastrum, Little Gem or Jerusalem Cherry**—2 feet high, scarlet berries, like cherries, beautiful for parlor. Pkt 10c.

Stevia

676. **Serrata White**—For pot culture or the border, half-hardy perennial. 10c.

Sweet William—(See Dianthus.)



Salpiglossis, Large Flowering—Pkt 10c.

678. ECKFORD'S '96 NOVELTIES

Alice Eckford—Apricot and cream.
Captivation—Light purple magenta.
Crown Jewel—Creamy white, veined with violet rose.
Little Dorritt—Pink standards; white wings.
Mikado—White stripes on orange cerise ground.
 Price, 10c per packet, or one packet of each (five) for 50c; or three packets of each for \$1.00, postpaid.

Blue

679. **Captain of the Blues**—Dark blue, netted with purple. Per pkt 5c, oz 15c.

Purple and Maroon Varieties

680. **Boreatton**—Splendid dark maroon. Per pkt 5c, oz 15c.
 681. **Monarch**—Standards dark maroon, wings deep blue. Per pkt 5c, oz 15c.

Striped

682. **America**—Cardinal stripe on white ground. Per pkt 5c, oz 15c.
 683. **Invincible Striped**—White ground color watered crimson scarlet, wings watered purplish red. Per pkt 5c, oz 15c.
 684. **Queen of the Isles**—Scarlet, with white stripes. Per pkt 5c, oz 15c.
 685. **Princess of Wales**—Standards striped white and blue, wings heliotrope and white, striped. Per pkt 5c, oz 15c.
 686. **Red Riding Hood**—For description see Novelties. Sealed pkt 15c.

White

687. **BLANCHE BURPEE**—Pure white, of exquisite form and immense size, having a bold, rigid, upright, shell-shaped standard of great substance. Per pkt 5c, oz 15c.
 688. **Emily Henderson**—Purest white, one of the best. Per pkt 5c, oz 15c, 2 oz 20c, 1 lb 30c.
 689. **Mrs. Sankey** (black seeded white)—Large, bold flower, pure white excepting standards which are faintly flushed; tall grower. Per pkt 5c, oz 15c.
 690. **Alba Magnifica**—A white variety of extra large size and good substance. Per pkt 5c, oz 15c.
 691. **Cupid**—Dwarf white. Per pkt 10c, oz 50c.

Blush White

692. **Crown Princess of Prussia**—White, suffused with pink. Per pkt 5c, oz 15c.
 693. **Delight**—White, flushed rosy pink, delicious and distinct fragrance. Per pkt 5c, oz 15c.
 694. **Isa Eckford**—Creamy white, suffused rosy pink. Per pkt 5c, oz 15c.

Pink and White

695. **Blanche Ferry**—Beautiful pink and white, very fragrant. Per pkt 5c, oz 15c, 2 oz 20c, 1 lb 30c.

MIXTURES

715. **FINEST MIXED**—This strain, although not embracing the new seedlings, contains a beautiful assortment of the famous **Eckford Sweet Peas**. Having grown a large crop, we are able to offer the seed at a very moderate price, and are sure our customers will thank us for recommending a liberal use. Per pkt 5c, oz 10c, 1 lb 15c, 1 lb 40c.

716. **ECKFORD'S MIXTURE**—This is grown from stock seed which was made up from named sorts and contains over thirty varieties, including some novelties and all the choice varieties. Price, by express, 10 lbs \$5.00, 5 lbs \$2.75. By mail, postpaid per pkt 5c, oz 10c, 2oz 15c, 1 lb 25c, 1 lb 60c.

717. **SIMMERS' "GILT EDGE" MIXTURE**—In addition to the most recent novelties, this **Gilt Edge Mixture** embraces new seedlings, some of surpassing beauty. The flowers are also notable for their large size, and have been selected with a view to getting three flowers on a stem, all facing the same way, thus making them much more attractive. This **Gilt Edge Stock**, embracing the finest assortment of Novelties in Sweet Peas, will fill a permanent place with particular planters. Per pkt 10c, oz 20c, 2 oz 30c, 1 lb 40c, per lb \$1.00.

677. ECKFORD'S '97 NOVELTIES

Coquette—Rich primrose, tinted with apricot.
Countess of Shrewsbury—Soft rose standard; white wings.
Lovely—Soft shell pink; grand form.
Mars—Intense scarlet; magnificent form.
Prima Donna—Light rose pink.
Royal Rose—Bright pink and blush white.
 Price, 15c per packet, or one packet of each (six) for 75c, postpaid.

**COLLECTION OF
TEN NEW SWEET PEAS**

718. **DAYBREAK**—In color it has a white ground and on the reverse of the standard is a crimson-scarlet cloud, which shows through in the fine veins and network, giving to the center of the front of the standard a fine crimson-scarlet watered effect, the outer margins being white. The wings should be white, but are sometimes slightly flaked with crimson. It is certainly distinct and very pretty. Per pkt 10c, oz 20c.

719. **ODDITY**—A marked peculiarity is the irregularity of form in the flowers; the standards are inclined to curl considerably. Another distinct feature is that the stems are unusually heavy and strong; they generally bear four flowers on each. In color the flowers are a pale carmine edged with bright rose, giving it the appearance somewhat of a red-edged variety. It is a remarkably strong grower, and with its heavy stem, curly standard, and peculiar coloring, with a sort of netted surface, is certainly attractive. Per pkt 10c, oz 20c.

720. **JUANITA**—Fine, large flowers of good substance and the improved hooded form. Color pure white, delicately lined and striped with pale lavender. The plant is a vigorous grower and free bloomer; the seed is small, brown spotted with black. Per pkt 10c, oz 20c.

721. **RAMONA**—Grand flowers of improved hooded form and unusually large size, rivaling the very largest Eckford both in size and form. Its coloring is delicately beautiful; a creamy white, daintily splashed and striped with pale pink on both wings and standard. It is a vigorous grower and usually bears four blossoms to the stem. Per pkt 10c, oz 20c.

722. **LADY PENZANCE**—One of the most beautiful of Eckford's introductions. The standard is a beautiful laced pink, touching orange, while the wings are a darker and purer pink. Truly a superb flower, of large size, exquisite color, very striking and distinct. *Award of merit, R. H. S.* Per pkt 10c, oz 20c, 1 lb 50c.

723. **MRS. ECKFORD**—Grand large flowers of the expanded form; color a peculiarly delicate, shaded primrose-yellow. Decidedly pretty and most desirable. *Award of merit, R. H. S.* Per pkt 10c, oz 20c, 1 lb 50c.

724. **STANLEY**—Larger and handsomer even than **Boreatton**. The flowers are produced abundantly in fours on long stems and are of a rich burnt carmine. Exceptionally fine for bouquets. The *JOURNAL OF HORTICULTURE* says: "This is by far the finest dark variety that has yet been seen." *Award of merit, R. H. S.* Per pkt 10c, oz 20c.

725. **WAVERLY**—Standards rosy-claret; wings blue, shaded and laced with rose. Of large size and good substance. Per pkt 10c, oz 20c.

We will give one packet of each of the above eight varieties together with a packet of Cupid Dwarf Sweet Pea for 50c.

Or we will give two collections for \$1.00, and include in addition to Cupid Sweet Pea, a packet of the latest novelty "Red Riding Hood," (sold in sealed packets only).



Simmers' Large Flowering Finest Mixed Sweet Peas

Soft Pink

696. **Mrs. Gladstone**—Delicate pink, with rosy blush wings. Per pkt 5c, oz 15c, 2 oz 20c, 1 lb 30c.
 697. **Princess Beatrice**—Warm blush pink, a shade deeper than above; a most charming and desirable variety of fine form. Per pkt 5c, oz 15c.
 698. **The Queen**—Rosy pink, shaded with lavender. Per pkt 5c, oz 15c.

Deep or Carmine Pink

699. **Apple Blossom**—Bright rosy pink standards, blush wings. Per pkt 5c, oz 15c.
 700. **Empress of India**—Clear rosy pink standard and pinkish white wings, the handsomest of light colored varieties. Per pkt 5c, oz 15c.

Crimson

701. **Princess Victoria**—Standards light scarlet, wings shading to crimson, the whole suffused with rose.

Scarlet

702. **Firefly**—A bold expanded flower, color intensely brilliant scarlet.
 703. **Cardinal**—Bright shining crimson scarlet. Per pkt 5c, oz 15c.

Orange and Chamois Pink

704. **Orange Prince**—Bright orange pink, flushed with scarlet. Per pkt 5c, oz 15c.
 705. **Rising Sun**—Rosy orange, suffused with carmine, wings shading off to blush white. Per pkt 5c, oz 15c.

Yellow

706. **Primrose**—Standards and wings of a pale primrose yellow; handsome self-colored flowers, delicate sulphur yellow, a shade deeper than primrose. Per pkt 5c, oz 15c.

White and Lavender

707. **Butterfly**—White, laced with lavender. Per pkt 5c, oz 15c.
 708. **Captain Clark**—Ground color, entire flower white, standards flushed with claret and wings with heliotrope, indigo blue edge. Per pkt 5c, oz 15c.
 709. **Lottie Eckford**—Lavender shaped pink and white. Per pkt 5c, oz 15c.

Heliotrope and Lavender

710. **Countess of Radnor**—Delicate lavender and mauve, lovely variety. Per pkt 5c, oz 15c, 2 oz 20c, 1 lb 30c.
 711. **Princess May**—A shade of pale heliotrope or lavender. Per pkt 5c, oz 15c.
 712. **Miss Hunt**—Pale blue. Per pkt 5c, oz 15c.

Perennial Varieties.

Showy free-flowering plants for covering old stumps, fences, etc.; 5 feet.
 713. **Lathyrus Latifolius**—The old favorite red variety. Per pkt 10c.
 714. **Albus**—Large clusters pure white; grand hardy low climber. Per pkt 10c.

Collection of Sweet Peas

8 Named Varieties Eckford's (our selection).... 30c
 15 Named Varieties (our selection)..... 50c

STOCKS (Gilly Flower)

These old-fashioned flowers are much liked for their peculiarly pleasant perfume and bright colors. For early flowering, sow in the house in February or March, and plant in the open ground in May, when danger of frost is over. Our Seed is saved from pot-grown plants, and is sure to give about 80 per cent. of double flowers. Nine to eighteen inches high, half-hardy annual. See also Assortments, page 33.

726. **Large Double German**—10 weeks, improved stock, mixed..... 10
 727. **Crimson**..... 10
 728. **Light Blue**..... 10
 729. **Purple**..... 10
 730. **Pure White**..... 10
 731. **Bright Pink**..... 10
 732. **East Lothian**—Pure white, invaluable for florists..... 10
 733. **Improved Ten-Week "Snowflake"**—The earliest white Ten-Week Stock in cultivation, resembling in habit the Dwarf Pyramidal race. It produces a vigorous main spike of extremely large and double snow-white flowers, which very effectively contrast with the glossy, dark-green leaves..... 10
 734. **"Cut and Come Again,"** also called **Princess Alice**—Produces from spring to late in the fall, pure white, beautifully shaped double flowers. It throws out numbers of side branches, each of which bears a cluster of blossoms, and the more they are cut the better they seem to like it. It makes a splendid Stock for cutting, and is quite fragrant; succeeds equally well in pots..... 10



Stocks—"Cut and Come Again." Pkt 10c.

735. **Dwarf, Brilliant Deep Blood Red (Victoria)**—Each plant forms in itself a naturally grown bouquet of a beautiful pyramidal shape, the lateral branches being symmetrically arranged around the main stem, which is slightly raised in the centre..... 10
 736. **Shrubby, or Cockade Double**—Winter flowering, bright red..... 10
 737. **Giant Emperor, or Perpetual**—These make very bushy and branching plants, with an abundance of flower. Sow in July or August, and they will bloom in winter. Many colors in the finest mixture..... 10
 738. **White**—For florists' use, very fine..... 10
 739. **Brompton**—Half-hardy biennial bushy plants, producing a beautiful display of double flowers, mixed colors, two feet high..... 10

THUNBERGIA

750. **Alata**—A half-hardy, low-climbing annual, flowers somewhat of the shape of Morning Glory, bright yellow or deep buff, with a large black centre. Pkt Mixed, all colors..... 10

TAGETES SIGNATA PUMILA

751. **Charming dwarf garden annual**, flowering in greatest profusion throughout summer and autumn; color bright yellow; very effective for low beds, 1 ft. 5

TUNICA

752. **Saxafraga**—Very neat dwarf trailing, hardy perennial, covered with pretty white flowers, good for edging or rockeries 5

TORENIA

On account of its comparatively recent introduction this charming plant is but little known. For hanging baskets or culture in pots it is unsurpassed, and in summer its brilliancy adds a pleasing variety to outdoor decorations, tender annual.

753. **Fournieri, or Edentula**—Sky-blue flowers, 3 indigo-blue spots, yellow throat, free bloomer 20

754. **Bailoni**—Golden yellow with dark throat, distinct and beautiful..... 10

755. **"White Wings"**—Attractive, pure white, flushed rose at throat..... 25

VENUS' LOOKING GLASS

756. **Campanula Speculum**—A free flowering, pretty little plant, adapted for beds or rock work ribbons or edgings. The plants form a small, spreading mass of about 9 in. high, may be had in bloom for the whole summer by successful sowing, h.a. [Venus' Looking Glass] pkt —Blue..... 5

VERONICA

757. **Early flowering, hardy perennials**, all colors mixed..... 10

VINCA (Periwinkle, or Creeping Myrtle)

758. **Rosea**—Rosy flowers, glossy, oval-shaped leaves..... 10

759. **Alba**—White flowering..... 10

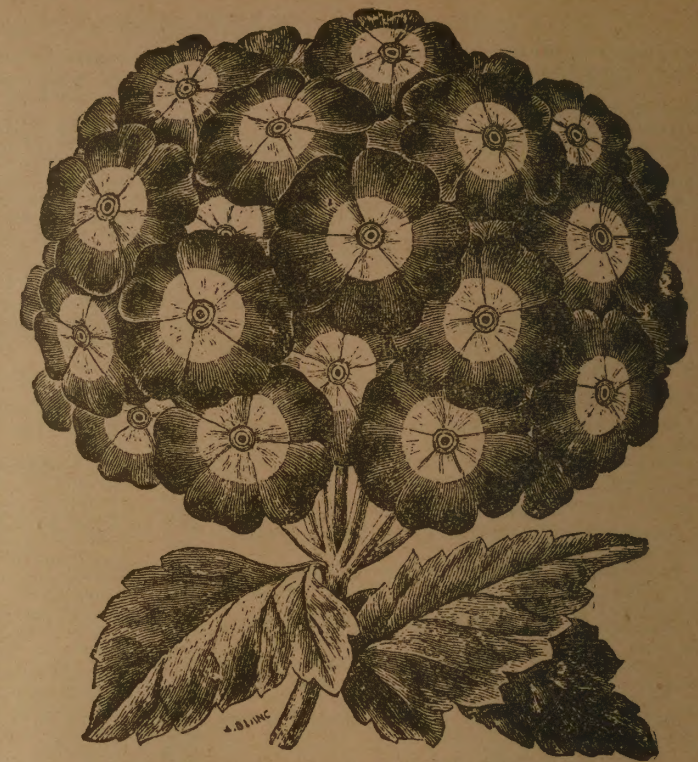
VIOLA [Single Violet]

760. **Odorata Semperflorens** [Single Everflowering Violets]—The "Sweet, English Violet," a favorite plant, prized for its long-continued bloom and its delicate odor, 6 inches high..... 5

VIRGINIAN STOCK

- Hardy, low-growing, profuse flowering annuals, for hedges, small beds or pot culture.

761. **Cheiranthus Marlismus**, mixed..... 5



Simmers' Mammoth Strain Verbena. Pkt 10c.

VERBENA—Seed sown in January or February will bloom abundantly during the summer and autumn of the same year. The plants are more robust in growth and produce more flowers than those propagated from cuttings. Hence the labor and cost of the old method of obtaining a supply of Verbenas may be avoided. The following varieties have been saved with great care, and may be relied on to produce flowers almost entirely true to their respective kinds. Per pkt

740. **Mammoth Strain**—This distinct and superb class of Verbenas is a remarkable improvement on the older varieties. It produces flowers of an enormous size, the florets being fully 1 in. in diameter, with clearly defined margins and white eyes. Three pkts 25c..... 10
 741. **Grandiflora Variegated**—Very choice mixed. 1/2 oz 50c..... 10
 742. **Auricula**—Splendid flowers of large size and bright colors, with large white eye..... 10
 743. **Blue Varieties**..... 10
 744. **Scarlet Defiance**—True, brightest scarlet, intensely rich. 1/2 oz 75c..... 10
 745. **Pure White**—A fine strain of large flowering pure white hybrid Verbena. Per 1/2 oz 75c..... 10
 746. **Yellow Leaved (Golden Bedder)**—A very interesting variety with golden yellow foliage, which forms a striking contrast to the deep crimson flowers..... 15
 747. **Venosa, Purple**—Producing an abundance of flowers. Good bedder..... 10
 748. **Citriodora (Lemon-Scented Verbena)**—A well-known sort, much liked on account of the sweet-scented foliage..... 10
 749. **TOM THUMB VERBENAS** [Verbena Hybrida Compacta]—A new and fine strain, remarkable for its growth. The plants are of exceedingly dwarf, compact growth, not more than 6 in. in height; the branches are only one-half the length of the old varieties, and spread so as to form almost circular bushes about 2 ft. in diameter, throwing up regularly in candelabra fashion handsomely formed flower heads in great abundance. Mixed colors..... 10

VISCARIA

762. **Hybrida**—Pretty, profuse flowering, hardy, low-growing annuals of easy culture, pkt in any soil. Mixed colors.... 5

WAITZIA

763. **Grandiflora**—Half-hardy, everlasting annuals, 6 inches high, large yellow flowers... 10

WALLFLOWER

The flowers of the Wallflower are deliciously fragrant and greatly prized; the large, massive, conspicuous spikes of the double German varieties have a charming effect, while the more bushy, compact growth and profuse blooming of the single ones render them exceedingly attractive; h.h.p.

764. **Double varieties**, mixed..... 10

765. **Harbinger**—Rich, blood red, 1 foot high..... 10

766. **Single**, mixed..... 5

- Collection 6 distinct varieties, 40c.

WHITLAVIA

767. **Grandiflora**—Free flowering hardy annuals, 18 in. high, bell-shaped flowers 1 in. long, violet blue..... 5



Wallflower—Double Mixed. Pkt 10c.

Zinnia [Youth and Old Age]

The Double Zinnia, flowers large, beautifully formed and exceedingly handsome. Few plants in the flower border are more effective; and scarcely any flower, when cut, is more suitable for table bouquets. Being of rather robust habit, it requires but moderately rich soil; the seed may be sown in the open ground or in heat, according to the time it is desired to flower; half-hardy annual. See also Assortments, page 38.

- Per pkt
768. **DOUBLE, Curled and Crested.** A new and beautiful strain of this popular plant, with large double flower of perfect form, the petals being twisted, curled and crested into the most fantastic and graceful forms. The colors comprise all the shades characteristic of the Zinnia. 3 pkts 25c. 10
769. **Elegans Double**—Large flowering, mixture of many colors, finest strain in cultivation. 10
770. **Double Scarlet**—Double, fiery, scarlet flowers. 5
771. **White**. 5
772. **Sulphur Yellow**—Golden yellow flowers large, perfect shape. 5
773. **Darwini Nana fl. pl.**—Dwarf, double, distinct. 5
774. **Haageana fl. pl.**—1 foot, double flowers mixed. 5
775. **Pompon**—Long, cone shape, beautiful; flowers perfect in shape, the colors of which are exceedingly bright and showy; mixed. 10
776. **Zebra Zinnias**—The flowers of this selection are perfect in shape, of all colors and shades, such as orange, crimson, pink, yellow, violet, rose, scarlet, white, etc., three-fourths of which are beautifully striped, spotted and blotched with different shades, hardly any two plants producing flowers alike. Plants symmetrical and compact, about 2 feet high, mixed colors. 10

**Zinnia Elegans, Double Large-Flowering****SPECIAL MIXTURES OF FLOWER SEEDS**

Many persons derive pleasure from watching the growth of a varied bed of flowers, entirely out of the usual trim garden style, while others desire a much more extended collection than their means will permit. To both of these the following mixtures will appeal.

- Per pkt.
- Flowers for Bouquets**—The mixture embraces seeds of annuals producing flowers suitable for cutting for vases and for bouquets, nearly all of them having long stems. Planted in a part of the garden, this will furnish a constant supply of cut flowers. 10
- Low-Growing Annuals**—This mixture contains seeds of a great variety of low-growing annuals, few of which exceed four to six inches in height, and which, sown in beds or borders, presents the appearance of *Turkish Rugs*, carpeting the ground in their wide range of colorings and forms. 10
- Tall-Growing Annuals**—This mixture embraces seeds of many handsome, tall-growing annuals, none less than one foot and up to five feet. 10
- Mixture of Fragrant Annuals**—Carefully made up from seeds of fragrant flowers only. A bed of these will give rich perfume throughout the day and evening, while some of them are also suitable for cutting. 10
- Mixture of Foliage Plants**—This mixture is made up entirely of those annuals which are grown almost exclusively for their beautiful variegated, silver, golden or bronze foliage. 10

- Pkt.
- Mixture of Climbers**—This is a liberally filled packet of seeds of many beautiful annual climbers, which will prove most useful for covering outhouses or growing upon trellises. 10
- Mixture of Evening Bloomers**—This mixture does not contain seed of the Moonflower or any other climbers, but is composed of annuals of from six inches to two feet in height, which bloom late in the afternoon and during the evening, making a charming "Moonlight display" in white, blue, and bright colors. 10
- Everlasting and Ornamental Grasses**—All the annual varieties of each, many of them being really handsome in growth, and all of them desirable for house decoration during the winter months. 10
- Biennials and Perennials**—The great variety contained in this mixture will make a grand display the second year and many of them will continue to bloom year after year. 10
- Wild-Flower Garden Mixture**—These mixed flower seeds embrace more than a hundred varieties of such easy-growing and pretty flowers as are suitable for forming a wild-flower garden. They are very useful for woodland walks, roadsides, railroad embankments, and for sowing alongside of fences and on any untidy, bare spots of ground which are so frequently unsightly, and which if properly cared for and kept free from weeds, can be made to produce a continual display of bloom during the summer. Per oz 25c, 1 lb 75c, per lb \$2.50. 5

All the above mixtures are carefully prepared from choice, fresh seeds, and cannot fail to give satisfaction. The packets are liberally filled, and in no other manner can so many seeds be obtained for such small cost.

**Wild Flower Garden Mixture—Pkt 5c.****Wild Cucumber Vine**

This is the **quickest growing climber** in our list. Grows wild, self sown in many parts of the West. It will grow thirty feet in one season, has dense, graceful foliage which is thickly dotted over with pretty white, fragrant flowers. These in turn are followed by an abundance of small, ornamental and prickly seed pods. For a trellis or pillar no annual vine is more chaste, and it will quickly cover an old tree or an unsightly building. The seeds being exceedingly hard, should be soaked at least twenty-four hours before planting. Once planted this vine seeds itself and comes up every year.

Per pkt.
777. **WILD CUCUMBER VINE**—Per oz 25c. 15

Wigandia

Grand and magnificent plant, with stupendous leaves richly veined, and stems covered with crimson hair. Of rapid growth and splendid habit, it forms one of the finest objects among ornamental foliage plants to impart a tropical aspect to a garden or for conservatory decoration; h.p. Pkt.

778. **WIGANDIA Carcassana**. 10

Zea [Ornamental Maize]

Compact in habit, very long and drooping leaves, elegantly striped; a very effective plant, especially in groups and masses.

779. **Zea Japonica Variegata**—Per pkt. 15

SIMMERS' VEGETABLE AND FLOWER GARDEN is a neat little book, giving full and explicit directions how to grow Vegetables and Flowers. Price 15c., or when asked for, free with every order for Vegetable or Flower seeds amounting to \$1 or more. See our Premiums.

780. Our Children's Flower Garden

Of course the children who read this catalogue are flower lovers and are indulged in the pleasant recreation of caring for them when their allotted tasks are done and lessons learned. Now we wish to encourage and help them if we can. With this purpose in view we have prepared a mixture of fifteen easily grown annuals, especially adapted for their use, which will grow and blossom under their own hands, in any flower bed or small plot in the home garden. Price, large packet, with full directions for sowing and cultivation, 10c. For 10c. extra we will add a packet of the wonderful **Fairy Rose** that blooms from seed the first year. The flowers are the size of a twenty-five cent piece, single, semi-double and double and very fragrant, they bloom constantly and in great profusion, a wee plant bearing a score of buds and blossoms at one time, they are perfectly hardy, colors pink, white and yellow. Remember the children's 20 cent collection means one packet of mixed flower seeds and one packet of Fairy Rose seed, postpaid. The children's 25c. collection includes two named above and packet containing **Sunflowers, Gourds and Pumpkins**.

Bowker's Food for Flowers

An Excellent Fertilizer for House Plants, Soluble in Water, Free from Odor and Clean to Handle.

It is made expressly for flowers grown in the house or garden. It contains the same plant food as stable dressing, and produces the same results, without giving off in the room that offensive and unhealthy odor which arises from the application of stable manure. It produces a healthy, luxuriant growth, and induces early and generous flowering, and cannot in any way harm the plants if applied according to directions, which are simple and accompany a package.

This **Plant Food** has been sold by us to hundreds of lovers of flowers in Canada, especially during the winter and spring months, never failing to give entire satisfaction to the purchaser, and has produced great gratification.

Price of Bowker's Ammoniated Food for Flowers

No. 1 Regular Sized Package—Is sufficient for twenty plants for one year, 35c. Sent by mail, postage prepaid, on receipt of price.

No. 2 Package—Is sufficient for twenty plants for three months, 25c. Sent by mail, postage prepaid, on receipt of price. The packages for sending by mail are neatly and strongly put up, and convey the contents with safety.

Price in Bulk, if by Mail, add 4c per lb.—4 lbs 60c, 5 lbs 75c, 10 lbs \$1.25, 50 lbs \$6.00, 100 lbs \$12.00. Full and simple directions accompany each and every package.

If you have no use for this valuable catalogue, we request you to give or send it to some seed-buying friend of your acquaintance, or RETURN TO US. Kindly advise us of any change in your address.

J. A. SIMMERS, Toronto.



Our List of **NEW CANNAS** introduced in 1896.

"Flamingo"—One of the finest solid crimson varieties yet introduced, with large flowers over 4 inches in diameter, heavy in texture and of the most refined reflexed form so much sought after, and which is found in very few varieties; they cluster around the stem in an even manner, giving the truss the grace and finish of a Hyacinth spike; the size of the truss is very large, its habit is perfect, strong and compact, growing about 3 ft high. Price, 50c each, \$5 doz.

Souvenir de President Carnot—A distinct bronzy foliage variety with very large flowers of a rich vermilion scarlet. This is one of Crozy's novelties, and described by him as one of the very best of his recent introductions. Price—50c each, \$5.00 per doz.

Franz Buchner—Entirely distinct from all others, color a deep orange suffused with scarlet, with a delicate wavy fringe of yellow around the edge of the petals. It is a remarkably strong growing variety, but of dwarf, compact habit. Price—50c each, \$5.00 per doz.

Eldorado—This grand variety is of the highest quality as regards either size of flower, habit of plant or size of head of bloom. The flower is not a perfectly pure yellow, but is so nearly so as to show no trace of color at a short distance. It is very finely speckled with the lightest red, which is apparent only upon close examination, and which tends to intensify the yellow rather than detract from it. It is of dwarf, compact habit, growing about 3½ feet high. Price—25c each, \$2.50 per doz.

Furst Bismarck—A most desirable variety of German origin, with intensely rich crimson flowers of large size; the petals, which are shell-like and of great substance, are very broad, forming a large round flower; the habit of the plant is perfect, being dwarf and compact. Price—50c each, \$5.00 per doz.

We will supply one of each of the five varieties for \$2 postpaid.

OUR COLLECTION OF TWELVE NEWER VARIETIES:

Madame Crozy—The flowers are of the largest size, of a dazzling crimson scarlet, bordered with golden yellow. The plant is of vigorous growth, yet dwarf in habit, seldom exceeding four feet in height. The foliage is of a rich, cheerful green, and very massive.

Florence Vaughan—The flowers of this splendid sort are of the most perfect form, the petals are even broader than those of Madame Crozy and more rounded at the ends, and are well opened and of the most brilliant golden yellow, dotted with brightest scarlet, and are the largest of all Cannas, and produced in constant succession.

Alphonse Bouvier—In color it is the most intensely brilliant crimson yet introduced, and is undoubtedly the best bedding variety now in cultivation for planting in masses.

Egandale—A fine dark foliaged variety, with flowers of a soft current red, very distinct and striking appearance.

Paul Marquant—A very beautiful and distinct variety; the individual flowers are the largest among the race and are a peculiar shade of salmon, overlaid lightly with soft rosy carmine, very pleasing to the eye.

Charles Henderson—The flowers are deep rich crimson, borne in compact, symmetrical heads, above a rich green foliage. The habit of the plant is dwarf—about 3½ feet high—but the foliage is broad and massive.

Queen Charlotte—The plant attains a height of about 3 feet and is furnished with heavy bluish green foliage; the enormous flower-spikes, towering grandly above the foliage, bear a beautiful bouquet of large flowers of perfect form, with petals of a rich scarlet crimson, broadly banded with bright canary yellow.

Rose Unique—The nearest approach to a rose color yet introduced, of a remarkably vigorous but dwarf growth, attaining a height of 3½ feet.



Gilt-edged Canna "Queen Charlotte."

"Ami Pichon"—The flowers, which are of a very large size, are of a bright crimson with very deep crimson markings, the habit of the plant is strong, of symmetrical growth, about 5 feet high, with rich deep green foliage.

Souvenir de Antoine Crozy—This is a perfect gem, and in our estimation the finest gilt-edged variety yet introduced; the flowers are large, with well-rounded petals, which are of intense scarlet crimson, rich and dazzling, and are bordered with a broad rich golden yellow border, and do not fade or scorch in the most intense hot and dry sun.

Admiral Avellan—The flowers are of good size of a rich orange scarlet color overlaid with salmon in such a manner as to give the whole a peculiarly rich luminous appearance, being of an erect habit, growing about 5 ft., high and always forming fine symmetrical plants.

F. Neuvesel—This is, all points considered, probably the grandest variety yet introduced. It is a remarkably luxuriant grower.

20c each, 6 for \$1,
the set of 12 for \$2,
per 100, \$12.

Our Canna Roots are
well-grown, strong
stock.



Single and Double Tuberous Begonias

TUBEROUS ROOTED **BEGONIAS**

These are certainly grand summer-blooming plants for beds, whether singly or in masses. As pot plants they are also unequalled. Their many varied colors of white, yellow, pink, scarlet and red are so blended that almost each plant seems distinct. From the time their first flowers appear until frost stops their growth they are never out of bloom, and such bloom—great waxy flowers, measuring from three to six inches across! The double-flowering sorts resemble beautiful roses, and while they are not so large as the single flowers, yet they seem more highly appreciated. Plant out in May, a foot or so apart, one inch deep, and well-watered at all times. Take up on the approach of cold weather. For growing in pots start at any time after January.

We have taken particular care in selecting the bulbs we offer, so as to have only the largest flowers of the richest and brightest colors.

Single Varieties—Separate colors, **White, Scarlet, Pink and Yellow**. Each 15c, per doz \$1.50, four bulbs, one of each color, for 50c.

Single Mixed—Each 15c, 6 for 75c, per doz \$1.25, 25 for \$2.25, per 100, \$8.50.

Double Mixed—Each 25c, 4 for 90c, per doz \$2.25.

GRATIS

With every order for Bulbs
amounting to \$1.00 or over

6

CINNAMON VINE BULBS,
when mentioned on order.

THE Dahlia is the grandest Autumn flower we have. There is nothing to equal it in September or October when everything else is faded or fading, and it surrenders only to frost. Tubers should be planted when the season becomes warm, covering the neck about 3 inches. If many shoots start thin out. Take up plants before hard frost, cut off tops dry the tubers a little, and put in cellar until Spring, when they can be divided and re-planted. Look at them occasionally to see that they do not shrivel from too dry an atmosphere, nor start the eye too early from too much moisture and warmth. There are four distinct classes, viz.: **Large Double, Dwarf Double, Cactus and Single.** All are grand, and the entire collection should be planted. Tubers can be sent as soon as all danger from frost is past, about April 1st. **Prices below include postage.**

NEW AND STANDARD VARIETIES OF DOUBLE TALL DAHLIAS

- Beauty**—Large, pure white, extra fine.
Charles Lidgard—Deep yellow, edged with red.
Condor—Buff-shaded orange.
Crimson Beauty—Beautiful rich crimson, fine form.
Dr. Box—Bright red, very fine.
Emily Edwards—White tipped lavender.
Empress of India—Large, white, tipped with purplish lilac.
Flamingo—A peculiar shade of bright scarlet, very fine.
Florence Stark—White, striped with purple; best of its color.
Hector—Large, cherry red, finest form.
Jessie McIntosh—Red, with a distinct white tip, very pretty and of exquisite form.
Jezebel—Dark maroon, white tip showy, good form.
Leader—Dark purple, large flower.
Lady Mildmay—Beautiful light lilac, finest form.
Mantas la Villa—Very deep rose.
Miss Marsh—White, deeply edged with rose purple, perfect in form, very free bloomer.
Modesty—Blush, light centre, large, always perfect.
Mrs. Cox—Bright yellow; being a pure color, it is very showy.
Oriole—Pale yellow, deeply edged with white.
Perfect Vallon—Beautiful rich cardinal red.
Peril—Large, white, tipped with lilac, extra fine.
Prince Bismarck—Most pleasing color; puce, shot with purple.
Queen Mab—Red, tipped and edged with white, very showy.
Robert Turner—Buff and orange.
Susaningham—Deep maroon, very richly colored.
Triomphe de Pacque—Dark maroon, good form.
 Price—15c each, half doz 75c, per doz \$1.50.

DWARF DOUBLE BOUQUET DAHLIAS

So called from their compact and dwarf habit of growth; flowers smaller than those of the Standard Dahlias, but perfect and very double.

- Hedwig Pollwiz**—Red, distinctly tipped with white, very neat and pretty, good habit.
Karl Goldenberger—Small, yellow, distinctly tipped with white.
Lilliput—Creamy white, delicately edged with lilac.
Little Hugo—Dark maroon, very double, one of the best.
Little Morice—Bright scarlet, very double, finely cupped and very showy.
Little Rosalie—Straw color, beautifully edged with deep pink, perfect form.
Lord Hawkie—Very rich scarlet, finest form.
Luriline—Amber color, very good.
Mrs. Askins—Beautiful shade of pink, shaded of lilac.
Mlle. Valentine Faconet—White effectively striped and splashed with purple.
Snowflake—Pure white, considered the best pompon white, free, dwarf habit, always in great demand, has been in the first set of Pompon Dahlias for the last three years.
White Aster—Pure white, quilled.
 Price—15c each, half doz 75c, per doz \$1.50.

DAHLIAS



Fern Leaved Beauty (Dahlia)

GRAND NEW DAHLIAS

"Rossland" Golden Yellow (New)

A new seedling of the purest yellow color. The plant forms a perfect bush, and is covered with a mass of golden yellow flowers, borne on long stiff stems, each flower double to the centre.

Price for 1897, as long as stock lasts—50c, 3 for \$1.00.

Mrs. Peart.

This is the most distinct Cactus Dahlia yet offered, and the only variety worthy of the name of Cactus. It is the first real white Cactus Dahlia ever raised, and a marvellous improvement upon every variety in cultivation.

25c each, 5 for \$1.00.

Fern Leaved Beauty.

This variety has been called Fern Leaved Beauty on account of its very distinct foliage, which is finely cut, like that of a strong-growing Fern. (See illustration.) The flowers are of medium size, with petals quilled or shell-like, regularly arranged, but standing out from each other, giving the flower a graceful elegance and freedom from stiff formality. Color creamy white, with petals heavily bordered with dark crimson, which gradually diminishes at the points of the outer petals, causing a gradual shading off of color from the centre to the edges.

30c each, 4 for \$1.00.

Special Offer.—One of each of the above 3 new Dahlias, 90c postpaid.

DOUBLE DAHLIAS—Cactus Varieties

The following varieties were selected while in flower especially for our sales. They are among the finest show varieties grown, each distinct in appearance, and the colors form a substance such as cannot fail to please.

Cactus Queen—Rich blood red, extremely striking flower, very decided in color. Although this has been described as a standard, it is really a semi-cactus Dahlia of the largest kind.

Charming Bride—White, pink tipped.

Henry Patrick—Pure white, free.

Jaurezii—Dazzling scarlet.

King of Cactus—Reddish crimson shade, large, broad petals.

Lady Kerrison—Scarlet, yellow tips.

Mrs. Hawkins—Sulphur yellow, shaded lighter to tips, outer petals rose.

Nymphæa (the Pink Water-Lily Dahlia)—An entirely distinct and novel variety, of perfect shape, flowers of large size, with heavy, broad petals; the centre cupped or incurved; shrimp pink, shading slightly darker.

Picta Formosissima—Orange yellow, with scarlet stripes.

William Pearce—Bright yellow, perfect.

Zulu—Very dark maroon.

15c each, half doz 75c, per doz \$1.50.

SET OF 12 SINGLE DAHLIAS

B. Barkway—Scarlet, crimson band at edge of each petal.

John Cowan—Maroon shaded.

Duchess of Westminster—White, broad petals.

Duke of Teck—Rich mauve, fine form.

Purple Paragon—Deep violet purple.

Harold—Velvet maroon, nearly black.

Mrs. Louisa Pryor—Maroon, with a white disc border.

Mauve Queen—Magnificent mauve self, large petal, somewhat reflexed, a very free and excellent variety.

Mrs. Knowles—Yellow, striped with scarlet, very fine.

Negress—Dark velvety maroon, almost black, exceedingly free, habit good.

Paragon—Rich dark maroon, with rainbow shade of purple round edge of petal, yellow centre, charming.

Victory—Large, creamy white, beautiful round petals.

15c each, half doz 75c, set of 12 \$1.50.

GRATIS, with every Order for Bulbs amounting to \$1.00 or over, SIX CINNAMON VINES, when mentioned on Order.



Simmers' Superb Gladiolus Bulbs

Rare, Beautiful French and Belgian Hybrids of Gladiolus Gandavensis, by Mail, postpaid, at prices quoted

SPECIAL NAMED LIST

Aurore—Bright salmon rose, striped orange, carmine and lilac, blotched cherry rose streaked lilac.
Africain—Entirely distinct variety of quite a novel color, slaty brown on scarlet ground, streaked with scarlet and pure white, with conspicuous white blotch; a dark colored variety of remarkable effect; dense spike.
Ajax—Beautifully striped.
Amalthee—Pure white, large violet-red blotch, ground of the corolla velvety violet, the lower petals slightly tinted with lilac in stripes.
Antonius—Scarlet cherry, slightly tinged with orange, flamed carmine, pure white blotch.
Archduchess Marie Christine—White, slightly tinged lilac, flamed rosy carmine.
Calypso—Flesh colored rose, streaked rose and blotched carmine.

Carnation—Large, well expanded flowers of a fleshy white color, profusely tinged at the edges with the richest carmine, the lower petals blotched purplish carmine; fine, long, well-furnished spike.
Chameleon—Slaty lilac flowers, flamed orange, with white bands down each petal.
Comte de Morny—Dark cherry red, white blotch, streaked lake.
Conquete—Large fine flower, bright cherry red, with pure white blotch.
Delicatissima—White suffused with soft carmine lilac, with pure white lower petals, edged lilac.
Duchess of Edinburgh—Purplish rose, with carmine stripe, often attaining a height of 6 ft.
Eugene Scribe—Flowers very large and wide, perfect, tender rose, and blazed carmine red.
Fulton—Velvety vermillion.
James Carter—Light orange red, large pure white blotch.
Lamarck—Very long spike of large flowers, cherry color, slightly tinted with orange, blazed with red, centre very well lighted, with a large pure white stain, very fine.
Laura—Light orange red, tinged with carmine, pure white blotch.

La Candeur—White striped with carmine-violet.
Le Titien—Bright rosy scarlet.
Mr. Bains—Wonderful distinct color, being a clear light red.
Octoroon—Beautiful salmon pink, very distinct.
Pepita—Bright golden yellow flowers, slightly striped carmine.
Pyramide—Handsome and perfect spike, broader at the lower part than at the top; large, well-expanded flowers of the brightest and most delicate orange rose; plant of medium height, exceptionally fine.
Rev. Berkeley—Light rose, tinged with violet carmine, feathered white blotch.
Thalia—White flamed and streaked with carmine.
Van Spandonck—Fiery red, splendid large flowers.

Any one of the above list of select varieties . . \$0.10
 Your selection of 12 varieties from the above list 1.00
 One of each of the 27 varieties (entire list) . . 2.00
SNOW WHITE—The best White Gladiolus in cultivation. Nearly the entire flower is a perfect paper white, with a slight cream shade on lower half of the lower petal. A faint line of purple extends about half way through the lower petal. Each 15c, 4 for 50c, \$1.75 per doz.



Remember all are postpaid at prices quoted, except 100 lots.

Giant or Childsi Gladiolus

GIANT OR CHILDSI GLADIOLUS

These Gladiolus are much stronger and more vigorous than others. They are very tall and erect, often standing four to five feet high, with spikes of bloom over two feet in length. They branch freely, in most cases each stem producing three or four spikes of bloom. The flowers are of great substance and of gigantic size, frequently seven to nine inches across. The form of both the flower and spike is perfection itself, but the most remarkable feature is their coloring. Orchids cannot surpass them in their varied and delicate shades, markings and blendings. Every color known among Gladiolus is represented, and many never before seen, particularly blues, smoke-grays and purple-blacks, all having beautifully mottled and spotted throats, made up of white, crimson, pink, yellow. Price, each 15c, 4 for 50c, 12 for \$1.25, postpaid.

OUR 25c. COLLECTION

Six Bulbs—All Named Separately

A true bargain introduction arranged as a surprise offer to our customers for a trial, all first size bulbs, not little bulbets.

Ceres—Fine striped and variegated.
John Bull—A first-class white.
Isaac Buchanan—Best yellow.
Madame Monneret—Delicate rose.

Napoleon—Scarlet and white.
Robert Fortune—Orange lake, shading off to purple crimson veined white.

OUR 50c. COLLECTION

Twelve Bulbs—All Named Separately

Angele—Soft mother-of-pearl color.
Brenchleyensis—Vermilion scarlet, fine.
Ceres—Pure white, spotted with rose.
Elizabeth—Dark rose, flamed bright carmine purple, large purple carmine blotch, with white stripes.
Grand Rouge—Enormous spike intense scarlet, with small violet blotch.
Isaac Buchanan—Fine yellow.
John Bull—White, slightly tinged sulphur.

La Favorite—Rose flamed carmine, lower petals yellow.
Madame Monneret—Delicate rose, with white stripe in centre of petal, carmine blotch on salmon ground.
Napoleon III—Bright scarlet, striped white in centre of petal.
Roi Leopold—Blush rose, slightly suffused with orange, shaded red, white blotch.
Romulus—Very brilliant dark red, large pure white blotch.

OUR \$1.00 COLLECTION

We will give 25 varieties our selection for \$1, all good varieties

CHOICE MIXED

GLADIOLI

The 100 rate does not include carriage.

	Each.	per doz.	per 25.	per 100.
Simmers' Extra Fine Mixed	\$0 03	\$0 30	\$0 60	\$2 00
White and Light Varieties, Mixed	0 05	0 50	1 00	3 50
Striped and Variegated, Mixed	0 05	0 50	1 00	3 50
Pink Varieties, Mixed	0 05	0 40	0 75	2 50
Red and Scarlet Varieties, Mixed	0 03	0 30	0 60	2 00
Yellow and Orange Varieties, Mixed	0 05	0 50	1 00	3 50
Hardy Varieties, Mixed	0 20	2 00		
Mixed Lemoine's Seedlings	0 05	0 40	0 75	2 50



Double Tiger Lily

Brownii—Magnificent variety with large flowers, pure white inside, purple tinted outside, stamens of a rich chocolate color, one-and-a-half to two feet high, blooms in June. Each 50c.

Chalcedonicum—Bright scarlet recurved flowers, blooms in June, 3 feet, each 50c.

Martagon—Purplish red, spotted with dark purple, prolific bloomer, 2 to 3 feet high, blooms in mid-summer, 15c each, \$1.50 per doz.

Tenuifolium (Coral Lily of Siberia)—A native of Siberia, one of the very earliest and hardiest of the Lilies; flowers vivid scarlet, with petals reflexed; very showy and free flowering, blooming early in the spring; very easily grown, requiring only a well drained, sandy soil. Each 25c, 5 for \$1.00, 12 for \$2.00.

Excelsum—This stately and beautiful variety, which is becoming more popular every season, grows from 5 to 6 feet in height, and bears from 6 to 12 fragrant, nodding flowers, of a delicate buff color. Each 50c, 3 for \$1.35.

Candidum—The pure white garden Lily; flowers snow white, with heavy, yellow stamens; hardy and free-blooming, bearing 5 to 20 blossoms. Plant early and leave them undisturbed. Each 10c, 3 for 25c, 6 for 50c, \$1.00 doz.

Bulbocodium Aurantiacum—Orange Lily. Each 15c, \$1.25 doz.

Tigrinum—Spotted Tiger Lily. Each 15c, \$1.50 dozen.

Tigrinum fl. pl.—Spotted Tiger Lily, with double flowers. 15c each, 4 for 50c.



Amaryllis Vittata Hybrids

SELECT SUMMER-FLOWERING

LILIES

All Bulbs are sent by mail, postpaid, unless noted.

BULB CULTURE—It would be impossible in the small space of a Catalogue page to give adequate instructions on growing bulbous plants, we therefore can supply a little book entitled "**Flower Bulbs and Their Culture**." This we supply entirely free with any order for bulbs amounting to \$1, if requested at the time of ordering, otherwise we send it for 25 cents postpaid. Very valuable hints on all varieties in general cultivation are given in this book.

Auratum (Golden Banded Lily of Japan)—This beautiful variety has been aptly called the "Queen of Lilies." When fully expanded the flowers measure nearly a foot across. Their fragrance is delicious, and the blending of the colors in the individual blossoms exquisite, being ivory white, thickly strewn with purple studs, with a broad band of golden yellow extending from tip to base of each petal. This variety is, beyond question, the grandest of all the Lily family. Extra strong bulbs, 20c each, 6 for \$1, \$2 per doz; large bulbs 15c each, 6 for 75c, per doz \$1.50.

SPECIOSUM SORTS—As a whole the most desirable section of all Lilies for general cultivation. The varieties are distinct, graceful, beautiful and free-blooming. They are hardy, needing very little protection, and will grow and flower without any special treatment.

Lilium Speciosum Album—White Japan Lily, 20c each, \$2.00 per doz.

Rubrum—Deep, red-spotted Japan Lily, 15c each, \$1.50 per doz.

Roseum—White, shaded and spotted with rose, 15c each, \$1.50 per doz.

Punctatum—Crimson dotted Japan Lily, 30c each, \$3.00 per doz.

Longiflorum—A variety bearing in clusters beautiful snow-white trumpet-shaped flowers of rare fragrance; almost exactly like *Lilium Harrisii* in shape, but blooms later, extending the season of that beautiful kind. Each 15c, doz \$1.50.

LILY COLLECTIONS.

We will send postpaid one large bulb of *Lilium Auratum* (see cut), one of *Lilium Speciosum Album*, and one of *Lilium Speciosum Rubrum* for 40c, or three of each variety for \$1.00 postpaid to any address.

To make these beautiful plants more popular we offer the following very cheap.

Popular Collection of 10 Separate Varieties for \$1.25, Postpaid.

1 BULB EACH.

**Auratum Roseum Rubrum
Album Candidum Longiflorum
Martagon Tigrinum
Tigrinum fl. pl. Tenuifolium**

Popular Collection of 5 Separate Varieties for 75 cents, Postpaid.

1 BULB EACH.

**Auratum Roseum Rubrum
Album Candidum**



Lilium Auratum

WALLACE'S NOTES ON LILIES—An interesting and valuable book on Lilies, indispensable to Bulb Growers. Illustrated. Cloth, 215 pages. \$2.50.

All the newest and best varieties of Morning Glory, including the famous Imperial Japanese Varieties. (For description see Novelties.) 1 pkt each 5 varieties, 40c.

AMARYLLIS

AMARYLLIS Formosissima [Jacobean Lily]—Flowers of a deep velvety crimson color, handsomely formed, very striking. A favorite Amaryllis. Each 15c, 6 for 75c.

AMARYLLIS Equestre—This Amaryllis is very striking and beautiful in appearance. It grows and blooms planted in the garden as well as inside. It is a free-blooming variety. The flowers have very spreading, graceful petals; a self color of bright salmon pink, with a distinct snow-white blotch at base of the petals. Each 30c, 4 for \$1.00.

AMARYLLIS Treatea [Fairy Lily]—For pot culture; bulbs can be planted at any time during the winter or spring, and will soon bloom. They should be potted in sandy soil, and five or six can be planted in a 5-inch pot. In the open ground they are not at all particular as to soil or situation, but are sure to thrive anywhere. Each 10c, doz. 75c.

VITATTA HYBRIDS

Beautiful large-flowering, new seedlings from choicest varieties imported from the most celebrated Amaryllis grower in Europe; bulbs are of an immense size and will produce something grand. Each 50c, doz \$5.00.

GRATIS

with every order for Bulbs amounting to \$1.00 or over 6 CINNAMON VINES when mentioned on order.

THE CINNAMON VINE

THE MOST DESIRABLE CLIMBER IN CULTIVATION



A beautiful and rapid climber, possessing the rare quality of emitting from its flowers the delightful odor of cinnamon, and very appropriately called the "Cinnamon Vine." The plants are grown from bulbs or roots, and are very nice for window ornaments or outdoor culture. They are perfectly hardy, the stem dying down every autumn, but growing again in the spring so rapidly as to completely cover any trellis or arbor very early in the season. The vines often run 25 feet or more, and when trained over and about a door or window make an ornament much admired; while its many clusters of delicate white flowers send out an amount of fragrance that is truly wonderful. It is easy to cultivate, has no insect enemies, and is not affected by drouth, because it roots so deeply. The tubers are called "Chinese Yams." They increase in size from year

to year, are often 2 feet long at two or three years of age, and run straight down in deep soil—flesh whiter than superfine flour and equally as good for table use as the very best potatoes. You should surely order a liberal number of the Cinnamon Vines. They are most easily grown, and once planted will last a lifetime. Your arbor, window and veranda will all be incomplete without this charming climber. There is nothing will give a home a more homelike and cosy appearance, or be a surer index of refinement and culture than beautiful vines twining about the porch and trellises.

Price—Extra large roots, each 5c, 3 for 10c, or 25c doz, postpaid.

SIMMERS' DWARF LITTLE GEM CALLA

Should not be confused with the Gem, being entirely distinct. It is indeed a "pigmy," scarcely ever exceeding the height of 1 foot, yet producing good sized flowers in great abundance. Our stock of Little Gem Calla has been procured direct from the originator of this variety. The flowers will be found exceedingly useful for "cut flower work."

Price—Each 20c, 3 for 50c.

WHITE CALLA (Lily of the Nile)
Pure white, splendid bloomer. Each 15c, 4 for 50c.



Dwarf Calla "Little Gem."



Caladium Esculentum.

COOPERIA DRUMMONDI

(The Giant Fairy Lily)

Of the Amaryllis family, bulbs large and solid. Plant in spring, either in open ground or pots, where they will bloom freely most of the summer, sending up beautiful lily-like white blossoms on stems 10 to 15 in. high. In the fall lift the bulbs and keep dry over winter. One of the easiest bulbs to grow, sure to bloom freely. Strong bulbs 10c each, 6 for 50c.

NEW YELLOW CALLA (Richardia Hastata)

Everyone is familiar with the well-known White Calla Lily. This fine variety we now offer is identical with this in every respect, except the color, which is pure yellow, so that the great value of this grand novelty can be readily appreciated by all. Genuine imported stock. Each \$1.00.

"BLACK CALLA" LILY (Arum Sanctum, Solomon's Lily)

The large wavy leaves, which are of a rich green color, veined, light green, resemble those of Calla Ethiopica. Produces one large sweet-scented flower, raised on a slender but vigorous stalk of brown red, shading to a green at the upper end. The flower is about 14 inches long and from 7 to 9 inches across, of a brilliant dark purple color. The spike, rising about 10 inches from the centre of the flower, is velvet-like and quite black. The roots are all selected. **Price**—Extra large roots, each 20c, or 3 for 50c.

HARDY CYCLAMEN

Certainly most interesting and beautiful winter and spring flowering bulbs. Not only are the flowers of striking beauty, but the foliage is also highly ornamental, being handsomely marked with various shades of green, gray and white. The sorts offered here are considered hardy, and would no doubt prove so in any but the coldest locality; but it would seem wasteful to plant them out when their extreme beauty can be employed indoors during summer and winter. They begin to bloom as soon as planted, and then produce their fine foliage in abundance. The bulbs are excellent keepers, remaining solid and sound for months, even when not planted.

Europæum—Hardy in the garden if planted 4 inches deep. Rosy pink flowers in autumn; beautiful foliage. Each 20c, 3 for 50c.

Neapolitanum—Hardy and charming species; leaves finely variegated; flowers white and rose, with purple throat; blooms in September or October. Each 20c, 3 for 50c.

Repandum—Early spring flowering; deep reddish crimson; leaves marked white; hardy. Each 20c, 3 for 50c.

ANEMONES—A beautiful variety, mixed, double flowering. Each 5c, 6 for 20c, per doz 35c.

APIOS TUBEROSA—A valuable hardy tuberous-rooted climber, resembling the Wistaria in vine and foliage. Its clusters of rich, deep purple flowers have a strong, delicious violet fragrance. They grow to a great height, and bloom profusely. The bulbs are hardy, and need not be taken up. Each 5c, doz 50c.

BESSERA ELEGANS [Mexican Coral Drops]—This beautiful variety is the direct counterpart of Milla Biflora, rich and striking color, equalling it in graceful beauty; pendulous clusters of bell-shaped flowers borne on long, slender stems. The color is a striking coral scarlet, with pure white cups and dark blue anthers. Each 10c, 3 for 25c, 75c per doz.

CYCLOBOTHR FLAVA—This golden gem is of great beauty and easily grown. The habit of plant and bloom is similar to Bessera; the color is clear, golden yellow, with intense black spot on each petal. Each 10c, 3 for 25c, 90c per doz.

CHLIDANTHUS FRAGRANS—Very ornamental, half-hardy, bulbous plants introduced from Peru, South America, unique in character, in that the leaves appear after the flowers. The large flowers, which are borne in dense clusters during the months of July and August, are of a deep canary yellow color and extremely fragrant. Will no doubt prove a valuable addition to the favorites of the garden and greenhouse. Each 10c, per doz 75c.

CALADIUM (Fancy Leaved Varieties).

A most beautiful class of plants, with the brightest and most peculiarly marked leaves of any foliage plant. They are easily grown, and from the 1st of June until October no house plant can vie with their beauty. Bulbs must be stored in the winter where it is quite warm and not too dry. Our collection consists of thirty fine varieties. Each 25c, 5 for \$1.00, per doz \$2.25.

CALADIUM ESCULENTUM, or Elephant's Ears.

One of the most beautiful and striking ornamental foliage plants in cultivation, either for culture in pots or for planting out upon lawns. It will grow in any good garden soil, and is of the easiest culture. When of full size it stands about 5 feet high, with immense leaves, often measuring 4 feet in length by 2½ in. breadth; very smooth, of a light green, beautifully veined and variegated with dark green. The root should be preserved in dry sand during winter, in a very warm, dry place. **Price**—Per 1st sized root, each 25c, per doz \$2.50; 2nd size, 15c, doz \$1.50; small size, 10c each.



Spotted Leaf Calla.

SPOTTED LEAF CALLA

(Richardia Alba Maculata)

A very ornamental plant, even when not in bloom; foliage beautifully marked with transparent white spots, showing to great advantage before a window. Flowers white, with black centre. Blooms splendidly in the garden or as a pot plant. Large bulbs, to bloom at once. **Price**—Each 15c, 4 for 50c, doz \$1.25.

CRINUMS

Kirkii—This magnificent bulb produces flowers of the greatest beauty. Usually 2 flower stalks of dark purplish color are sent up at the same time, each bearing a large umbel composed of a dozen or more enormous lily-like flowers of the greatest beauty and fragrance. The petals are broad and pure white, with a deep reddish purple stripe through the centre. A plant that always creates a sensation when it blooms, which it does with the greatest freedom. Extra large bulbs, each 75c.

Crinum Americanum—The flowers are pure white, waxy-like and fragrant, and are produced in great profusion. Strong flowering bulbs, each 20c, 3 for 50c.

Crinum Capense—Rose, sweet-scented, one of the finest Crinums; hardy, with slight protection, producing many flower stalks $\frac{3}{4}$ to 4 feet high, crowded with 10 to 15 blooms. Each 25c, 3 for 60c.

Special Offer—One of each of the three varieties \$1.00, postpaid.

Herbaceous Chinese Pæonies

Magnificent, hardy plants, almost rivalling the rose in brilliancy of color and perfection of bloom. They thrive in almost any soil or situation, and when planted in large clumps on the lawn make a magnificent display of flower and foliage. Some of the varieties are very fragrant. They are perfectly hardy, require little or no care, and produce larger and finer blooms when well established. Each 25c.

Double White—Each 25c; 5 for \$1.00; per doz \$2.00.

Double Rose—Each 25c; 5 for \$1.00; per doz \$2.00.

Finest Double Mixed—Each 20c; 6 for \$1; doz \$1.75.

Tree Pæonies [the finest of all Pæonies]

Instead of dying down to the ground every winter, like the herbaceous variety, it grows into a hard-wooded shrub. The flowers are the same in form as the common variety, but of a light pink or bluish color. As the plants attain age they make very showy bushes, and are desirable for planting among shrubbery. Strong plants, 75c.



Crinum Kirkii

foliage 1 foot high, which produce flowers in endless succession.

Oxalis Ortgiesi—Bright golden star-shaped flowers. Each 10c, doz \$1.00.

Oxalis Lasiandra—Rosy pink. Doz 30c, \$2 per 100.

Oxalis Dieppi—Rosy white. Doz 30c, \$2.00 per 100.

Cypella Herberti [Golden Cup]

A new bulb from Peru. The flowers are of a deep golden yellow, each petal having a broad, rich purple stripe through the centre, and spots of the same color at the base. As the flowers are produced in quick succession, and many on a spike, it is scarcely ever out of bloom. Of easiest culture in the open ground, a valuable addition to our garden bulbs, and very distinct from the Tigridias. Keep dry in winter. Each 20c, 3 for 50c.

The Resurrection Plant

[Or Rose of Jericho]

Imagine a bunch of withered-looking, curled-up shoots, brown, stiff and apparently dead, resembling a bird's nest. Place it in water; in an hour what a transformation! The withered-looking bunch has now opened, and is transformed into a patch of bright, green moss. Each 15c, 2 for 25c.

Tritoma Uvaria



Cypella Herberti

Often called the "Torch Lily" or "Red Hot Poker," on account of its dense spikes of flame-colored flowers. It blooms in August, and is very striking when planted singly on the lawn. Does well planted near water or in any rich soil. Each 20c, 3 for 50c, doz \$2.00.

Iris [Fleur-de-Lis]

JAPAN IRIS (Iris Kämpferi). The magnificence of these splendid Irises surpasses description. In beauty, size of flower, richness of coloring, they are grand. The flowers are enormous, averaging from 6 to 8 inches across, of indescribable and charming hues and colors, varying like watered silk in the sunlight, the prevailing colors being white, crimson, rose, lilac, lavender, violet and blue, each flower usually representing several shades. A golden yellow blotch, surrounded by a halo of blue or violet, at the base of petals, intensifies the wealth of coloring. The Japan Iris is perfectly hardy, and flowers in great profusion in June and July, and attains great perfection if plentifully supplied with water while growing and flowering. Our selection consists of stock which secured the World's Fair Gold Medal, and is really a very choice mixture. Price 20c each, 3 for 50c, per doz \$2.00.

General Selection—Beautiful sorts, Strong roots, 15c each, 3 for 40c, doz \$1.50.



Iris Kämpferi

Herbaceous Chinese Pæonies

Dielytra Spectabilis

[Bleeding Heart]

These pretty spring bloomers, with their graceful drooping sprays of heart-shaped pink and white flowers, are very ornamental, and bloom freely in early spring. The plants, being hardy, increase in size, and bloom from year to year, and should have a place in every garden. Each 15c, 3 for 40c, per doz \$1.50.

Gloxinia

A charming class of summer blooming bulbs, which succeed with ordinary care. They should be grown in a moderately shady place, as the sun burns the foliage when wet, making brown spots appear. If planted in frames they will thrive admirably and produce their lovely flowers from June to September. After planting the bulbs in a mixture of fibrous peat, light loam, manure and sand, in equal parts, they require but little heat or water until they show signs of growth, when the quality of moisture and heat may be increased. Air should be plentifully supplied to prevent damping off. When the plants have done blooming dry gradually off, and keep in pots over winter in a moderately warm place, or under the staging of a greenhouse.

Our mixtures include flowers of lovely form and hue, comprising all shades of color, and erect, horizontal and pendulous flowers. For those who do not care about special color, they will be found very desirable, as only fine varieties have been kept, poor and dull colors being discarded.

Our Finest Mixed Bulbs—15c each, 4 for 50c, doz \$1.50.

GRATIS with every Order for Bulbs amounting to One Dollar or over, 6 Cinnamon Vine Bulbs when mentioned on order

REMEMBER—Bulbs are Sure to Bloom Abundantly, even when Ordinary House Plants Fail.



Pancratium Calathinum or Basket Flower—Each 35c.

TIGRIDIAS

(Peacock Tiger Flower, or Mexican Shell Flower.)

Extremely handsome summer flowering bulbs, growing about 2 feet high, producing large gorgeous flowers, exquisitely spotted; they flower very freely throughout the summer, particularly if the bulbs are planted in a warm sunny position.

Tigridia Conchiflora (Mexican Shell Flower)—Dark yellow, large red spots. Each 5c, per doz 45c.

Pavonia (Peacock Tiger Flower)—Very large, bright crimson centre, mottled with yellow. Each 5c, per doz 45c.

Grandiflora Alba—Flowers large, ivory white, spotted at the base with red on a yellowish ground, forming a fine contrast with the white of the petals. Each 10c, per doz 90c.

SPECIAL OFFER.—One each of the above three varieties for 15c; or three bulbs of each variety for 40c.



SPIDER LILY

Pancratium Caribbæum (Spider Lily)—Planted out in wet places during summer it will produce many spikes of fragrant flowers, in dense clusters, lasting several weeks; grand for indoors, blooming even if grown in water. Each 20c; 3 for 50c; 7 for \$1.00.

Pancratium Maritimum (The Sea Daffodil)—Few bulbs will prove more pleasing than this. It is a positive yearly bloomer. The large white flowers are boldly relieved by a green stripe. Their beautiful odor is also a great attraction. As a cut flower they last for many days. It will certainly give satisfaction; fine for growing in large tubs. Each 20c; 3 for 50c; 7 for \$1.00.

Pancratium Calathinum (Basket Flower)—Grand species, exceedingly fragrant white flowers 3 in. long by 4 inch wide, lasting a long while. Each 35c; 3 for \$1.00.

DOUBLE TUBEROSE BULBS

(Sweetest Scented Flower that blooms.)

CULTURE—The growing plant is fond of light and heat, and must have full sunlight when bedded, and plenty of water when it begins to grow freely, but not too much water when first planted, and should not be planted outside before May 1st. The bulbs may be planted at intervals of a week or so, so as to give a succession of bloom; the late plants may be brought indoors to flower in the house in autumn.

Tuberose Albino (New Single Flowered)—Flowers single, star-shaped, recurving gracefully and of purest white inside and out; a large flower spike often branched, when not so, two or more flower stalks often grow out of a single bulb. It has much merit. Price each 10c; 2 for 25c; 7 for 50c.

Excelsior Pearl Tuberose—An improved strain of the Double Pearl, bearing very heavy spikes of largest double flowers, mammoth bulbs. Each 5c; 5 for 25c; per doz 50c; 100 \$2.50.

Zamia Integrifolia

When in full leaf this noble palm presents a highly tropical appearance, only rivalled by the high-priced Sago Palm, which it resembles in appearance, the foliage is very lasting, remaining on the plants for years, and enduring the heated air of rooms with impunity. Start the dry roots in a sandy soil in a warm place; plant in summer.

Dry Roots, each.....35c

Zephyranthes

The Zephyr flowers, or "Fairy Lilies," are gems of rare beauty. Planted in pots, or in the open ground, they produce very beautiful lily-like flowers all summer, and will be greatly admired by all who see them. They are easily grown and succeed anywhere, and should be extensively grown, both as garden and pot plants.

Atamasco, large, pure white; doz 50c, each 5
Rosea, beautiful, clear rosy pink; doz 50 " 5

Water Lilies

[Nymphaeas.]

Red Water Lily [N. Devonensis]—Each \$1 50
Blue Water Lily [N. Zanzibariensis]—
Each 1 00
Pink Water Lily [N. O. Rosea]—Each. . . 1 50
Giant Water Lily [N. Reniformis Gig-
antea]—3 for 65c; each..... 25
Fragrant Water Lily [N. Odorata]—
Each 25

SPECIAL OFFER.

We will send postpaid, one each of the above Water Lilies for \$4.00.



**Excelsior
Pearl
Double
Tuberose**

SIMMERS'

50c. SPRING BULB COLLECTION.

Contains fourteen Varieties Summer Flowering Bulbs which we will send free by mail or express for only **50 cents**:—1 Double Dahlia; 2 Gladioli; 3 Cinnamon Vines; 1 Tuberoose; 1 Milla; 1 Hyacinthus Candicans; 1 Madeira Vine; 1 Tigridia; 3 Oxalis. All the above Bulbs are fully described, and most of them illustrated, in the Bulb Department of this Catalogue. **Compare the Retail Prices.**

Sauromatum Simlense

(Snake Lily—Amorphophallus Simlense.)

A most wonderful bulb, native of Africa, introduced by us; bears a very remarkable flower 30 inches in length, the inside of a peculiar golden color, profusely spotted with rich purple and brown blotches, while the back is of a metallic-brown, and the spadix (fifteen inches long) is of a frosty purplish brown. Altogether, one of the strangest flowers ever seen. The foliage is also highly ornamental, the fine palm-like leaves, three to four feet high and wide, being produced in succession during the entire season. The leaf stock is beautifully mottled with black markings. With us the bulbs have proved perfectly hardy, and have been kept in a dry state for one year. They never rot, and never dry. Plant in pots or in the garden six inches deep; give plenty of water. Fine, large, blooming size bulbs 30c each.

SIMMERS' \$1 SPRING BULB COLLECTION.

Contains 23 varieties Summer Flowering Bulbs, which we will send free by mail or express for only **One Dollar**:—1 Milla Biflora; 1 Madeira Vine; 3 Mixed Gladioli; 1 Lilium Longiflorum; 3 Fine Oxa is; 1 Cyclotrothra; 2 Pearl Tuberoses; 1 Amar-
yllis Treata; 1 Tigridia; 1 Spider Lily; 1 Double Dahlia; 3 Cinnamon Vines; 1 Caladium (Elephant's Ear); 1 Bessera Elegans; 1 Hyacinthus Candicans; 1 Tuberos Rooted Begonia. This Collection will furnish flowers from early spring until late in the fall, and if properly cared for the Bulbs can be stored over winter and planted again in the spring.

Flowering Begonias



Begonia, Semperflorens Gigantea Rosea.

If your window garden can accommodate only one plant, let it be one of the freest flowering and largest growing of this class—a Rubra, Vernon or Thurstoni. Only under the very worst conditions do they become "scraggy," and you know how prone window plants are to this condition.

Argentea Guttata—This variety is a cross between Olbia and Alba Picta. It has the silvery blotches of Alba Picta and the beauty of growth of Olbia. Purple-bronze leaves, oblong in shape, with silvery markings. 20c.

Carnea—This fine new variety attains a height of 12 or 14 inches, and is a compact mass of medium sized, glossy olive-green leaves. It blooms so freely that it has the appearance of a fine bouquet. Rosy flesh color, shaded bright rose, with dense clusters of yellow anthers. 20c.

Manicata Aurea—Of all the ornamental leaved Begonias this is the most striking and distinct. Its large glossy green leaves are beautifully blotched with creamy white, with clear carmine etchings in the matured leaves. 25c.

Metallica—This elegant variety has very large glossy leaves, shaded with green, crimson and olive, with a peculiar metallic lustre all over. Flowers large, dark pink in color. 20c.

President Carnot—A cross between Rubra and Olbia. From such parentage we could only expect a splendid result. This we have in President Carnot. The leaf is large, dark lustrous green in color, and in texture most resembles Olbia. The flower resembles that of Rubra, but is larger, more graceful, and not so vivid in color. Its freedom of

flowering is something wonderful. It is claimed to stand bedding out in the summer as well as Scarlet Geraniums; certainly a novelty of sterling worth. 25c.

Rubra—A grand plant for either garden or conservatory; foliage dark green; flowers beautiful scarlet rose and wax-like; profuse bloomer. 20c.

Sandersonii (Coral Begonia)—One of the best flowering Begonias. The flowers are of a scarlet shade of crimson, borne in profusion for months at a time; leaves lightly edged with scarlet. 20c.

Semperflorens Gigantea Rosea—Vigorous grower, producing magnificent bunches of cardinal flowers from October till May; one of the very best; we recommend it strongly. 20c.

Thurstoni—A cross between B. Metallica and B. Sanguinea, having the bright red veinings underneath the leaves, and bright metallic green, shading to red on top, and the deep veinings of the Metallica, and smooth glossy leaves and red stems of the Sanguinea; the flowers, when expanded, become a beautiful shell pink. It has been used in many places as a bedding plant with great success. 25c each.

Vernon—Foliage rich glossy green, often shaded deep bronze. Flowers deep red, changing to a beautiful clear rose in the fully open flower. 20c.

Wettsteinii—Beautiful upright growing sort, with attractive foliage peculiarly indented, and a lovely shaded coloring, dark marbled green, shading lighter, flower bright coral red in pendant panicles; very free flowering. 20c.

Chrysanthemums

**STANDARD
VARIETIES**

We give below a list of the very best varieties of Chrysanthemums, the cream of recent introduction.

The Queen—This grand variety has shown itself, after another year's trial, to be one of the finest whites. The flower excels all in pure whiteness, is extra large, broad and deep; petals heavy and thick; good keeper; leaves broad and thick, stem strong, holding flowers firmly erect. One of the finest, if not the finest Chrysanthemum of its color. 25c.

Mrs. E. G. Hill—Size, 7 to 8 inches in diameter, 3 to 4 deep, extra early, bright, clear pearl pink, form full to centre, a grand incurving sphere, first blooms cut October 10th. 25c.

Eugene Dailedouse—Large, full, double, intensely bright yellow, with magnificent foliage, vigorous grower, centre petals folded and closed, as in Kioto, outer ones broad and of great substance. 25c.

Major Bonaffon—Soft, clear, incurved yellow, full to the centre; 6 to 7 inches in diameter, and nearly as deep. Habit, dwarf; keeping qualities excellent. 25c.

Clinton Chalfant—A magnificent golden yellow, upright dahlia-like petals, forming a finely rounded flower of great substance. 15c.

Glorgienne Bramhall—This is one of the most distinct varieties of its season. The habit, stem and foliage are all good. The flower is perfectly incurved, of a beautiful primrose yellow. Will make fine exhibition blooms or specimen plants. 15c.

Inter-Ocean—Grand novelty of the V. Morel type, from which it is a seedling; color, glistening pearly white, suffused pink petals, of great substance; recurving, forming a flower one-third larger than Vivian-Morel. Premium at Chicago. 15c.

Waban—A rich pink with whorled and twisted petals, forming a magnificent incurving flower of immense size. 20c.

Golden Wedding—Undoubtedly the grandest golden yellow variety, its richness being unrivalled. Remarkably vigorous, with great erect globular flowers, giving it a bold, majestic appearance. Each 20c.

Niveus—A grand snow-white variety. Centre irregularly incurving, with outer petals reflexing nearly to the stem. Robust, foliage large and abundant, keeping qualities unsurpassed. 15c.

Good Gracious—Introduced from Japan, and so remarkable for size as to suggest its name. Color unique, a delicate shade of peach pink. Petals remarkably incurved and twisted, overlapping each other in irregular fashion, and resembling talons. 15c.

Pres. Wm. R. Smith—Color of Daybreak Carnation, a pure self pink; very heavy in substance, on stiff stems; flower very beautiful in all stages; perfectly double; fine for cut flowers. 25c.

Vivian Morel—Extra large flowers; petals long and loosely arranged; a beautiful light shade of pink. 25c.

Geo. W. Childs—Best deep crimson variety; flowers massive, immense size, broad stiff petals, rich, dark velvety crimson; stems strong and erect. 20c.

Harry May—Flower very large and double, forming, when well open, a massive sphere; color, deep old gold; petals very broad and thick. 20c.

Ivory—Pure white; a splendid free-flowering variety. It is doubtful if any other unites in such marked degree the excellent qualities of "Ivory." 15c.

Set of the above 16 varieties for \$2.75, postpaid.

SURPLUS COLLECTIONS

These Surplus Collections of Plants and Bulbs we are ready to fill by May 25th, and will send plants amounting to not less than \$2 at catalogue prices and pay postage; if ordered express we can send many more plants and of larger size; but they are always of our selection. Price \$1.00, Ready May 25th.



CARNATIONS

Bride of Erlescourt—Very compact, vigorous and quick grower, flower full and very large, most highly fragrant, a beautiful pearly white delicately fringed, and borne erect on a long stiff stem. Average plants show from 25 to 30 flower stems and in every way it is the grandest white carnation ever introduced. Price, rooted cuttings, 15c each, per doz \$1.00.

Daybreak—A genuine novelty in color, very delicate shade of pink, admired by every one. Each 15c, 8 for \$1.00, doz \$1.50.

Emily Pierson—This is probably the finest Carnation of its color yet introduced. It is of an intense, bright scarlet, of unusual substance and durability, carrying its blossoms on strong stems. It is not only an excellent variety for forcing, but succeeds admirably in the garden. 15c each, 4 for 50c, per doz \$1.50.

Helen Keller—One of the very largest and most beautifully formed Carnations ever introduced; does not burst its calyx; exceedingly free flowering, and produces extra good, long stout stems. A strong, vigorous and healthy grower. Color, clear, white ground, delicately and very evenly marked with bright scarlet, giving it a very pleasing and effective finish. 15c each, 4 for 50c, per doz \$1.50.

J. J. Harrison—White, lightly marked with delicate pink, flowers large and perfect, and very freely produced. Each 15c, 4 for 50c, per doz \$1.50.

Lizzie McGowan—An elegant new white variety, large, full and very attractive; very prolific and fragrant. Each 15c, 8 for \$1.00, per doz \$1.50.

Meteor—Deep rich crimson, of great size and substance; a constant bloomer and very fragrant. Each 15c, 4 for 50c, per doz \$1.50.

President Garfield—Deep, rich scarlet-crimson or blood-crimson; ends of petals twirled in shell-like fashion. Flowers are produced in great abundance. Each 15c, per doz \$1.50.

Rose Queen—In color, of a soft pure rose color, of a shade so much admired in cut flowers. Each 15c, 4 for 50c, per doz \$1.50.

Silver Spray—A pure white and beautifully fringed Carnation, of robust growth and dwarf habit, of great substance and nearly all long stemmed. Each 15c, 4 for 50c, per doz \$1.50.

Thomas Cartledge—A shade or so lighter than Tidal Wave. A vigorous grower. Each 10c, per doz \$1.00.

Wm. Scott—Branching, vigorous and extremely healthy. Bright yet delicate rosy pink; full and of good shape, on strong and erect stems, never bursts. Next to "Daybreak" the most popular pink Carnation grown. Each 15c, per doz \$1.50.

The Set of Twelve Varieties, one of each, for \$1.25.

SURPLUS COLLECTION.

These Surplus Collections of Plants and Bulbs we are ready to fill by May 25th, and we will send plants amounting to not less than \$2 at catalogue prices and pay postage; if ordered express we can send many more plants and of larger size; but they are always of our selection. Price, Surplus Plant and Bulb Collection, \$1. Ready May 25th.



Carnation—Helen Keller



Trailing Queen Fuchsia

Fuchsias

Earl of Beaconsfield—One of the best sorts. Very free flowering. The blossoms are three inches in length and of great substance; the tube and sepals are a light rosy carmine; corolla deep purple. Each 15c, doz \$1.50.

Mrs. E. G. Hill, the Finest Double White Fuchsia. Short tube and sepals, bright rich reddish crimson color; corolla extra large, full and double; flower of the largest size; it has every qualification to recommend it, size, freedom of bloom, constitution. Each 15c, doz \$1.50.

Phenomenal—The largest Fuchsia we have yet seen—larger than Champion of the World—the tube and sepals are bright coral-red, beautifully formed, the corolla nearly 2½ inches across, the very richest violet shade, remarkably vigorous, blooms more freely than any large variety we have seen. Each 15c, 2 for 25c.

Rosé of Castile Improved—Somewhat similar to the old variety in color, but immensely larger and finer; very floriferous; the King of Fuchsias. Each 15c, doz \$1.50.

Speciosa—Bears large drooping bunches of long flowers; color, tube and sepals rosy pink; corolla, brilliant carmine; foliage large, thick and deep bronzy green. Finest of all for winter flowering. Each 15c, doz \$1.50.

Storm King—Sepals are of the same glowing scarlet-crimson as buds, while the large double corolla is of delicate waxy whiteness, elegantly pencilled with deep bright crimson. No finer contrast of colors imaginable. Strong plants 15c each, doz \$1.50.

Trailing Queen—This Fuchsia differs from all others in habit of growth, instead of growing upward the young branches spread out towards the edge of the pot and then droop downward, continuing this way until the vines are four feet or more in length, and covered with handsome foliage; the flowers are borne in clusters, long, large and graceful; the corolla at first is deep violet purple, changing to crimson; buds, tubes and sepals rosy scarlet; profuse bloomer and vigorous grower. Each 25c.

One of Each of the above Seven Varieties, \$1.

COLEUS

Our list includes the best varieties that are grown, plants strong and well grown, sure to give best satisfaction. We will give special prices for large quantities for bedding. Price—Each 10c, 6 for 50c, per doz 90c, per 100 \$5.00.

CURIOUS CACTI

We can also supply a Collection of Ten Good Sorts, all easy to grow, for \$1.00, postpaid.

Pamphlet entitled "HINTS ON CACTI." Price 20 Cents.



THE CORN COB.
E. C. PECTINATUS.



E. C. BERLANDIERI.



THE BUTTON.
M. MICROMERIS.



M. PUSILLA.



THE LIVING ROCK.
ANHALONIUM FISSURATUM.



M. PECTINATA.

Special Cactus Collection, 6 Plants Illustrated Above, 75c, Postpaid.

CACTI

Button, or Mushroom Cactus [*Mammillaria micromeris*]. Single plants, 25c.

Corn Cob Cactus [*Echinocereus pectinatus*]. Single plants, each 25c.

Echinocereus Berlandieri—Each 25c.

Mammillaria Pectinata—Each 25c.

Mammillaria Pusilla—Each 15c.

The Living Rock Cactus [*Anhalonium fissuratum*]. Small plants, each 30c, large size, 50c to \$1.00.

Epiphyllum truncatum—[Lobster Cactus.]—Winter blooming; low spreading habit; flowers of crimson scarlet 15c.

Cereus Dr. Regal—A distinct night-blooming variety, bearing immense white or straw-colored flowers. 25c.

Old Man—Covered with very long, silky white hairs, often drooping below the rim of the pot, and giving it the appearance of the venerable head of an aged person. Each 50c and \$1.00.

Cereus Grandiflorus [True Night-Blooming Cereus]—Flowers straw color, remarkable for its beauty and sweetness; the flowers begin to open about 7 p.m., and continue until after midnight. Flowers from 9 to 11 inches across. 20c.

The Queen—[Phyllocactus latifrons.]—This grand Cactus grows several feet high. The flowers appear at evening and last all night; nearly 10 inches across, and of the purest white color, delicately shaded pink outside, with a most lovely form, texture and fragrance. 35c ea.

One Plant each of the above Collection of 5 Varieties for \$1.25, postpaid.

GERANIUMS

Double-Flowered Silver-Leaved Geranium

Mrs. Parker—A remarkably strong and free growing variety of the Silver-leaved section with beautiful double flowers. The foliage is deep green with broad margins of pure snow white. It is the most free-flowering of any of the Silver-leaved class, producing good sized trusses of an exquisite shade of deep rosy pink flowers in abundance, which harmonize well with the silver of the leaves. 20c each; 3 for 50c.

Assorted Varieties Silver-Leaved Geraniums—15c each, per doz \$1.50.

Ivy Geraniums

The double Ivy Geraniums are remarkably popular at present, and deservedly, for the new hybrids produced by the French growers are marvels of beauty and in richness of color surpass all geraniums.

Chas. Monselet—Flowers round and very full; fiery red. Upper petals beautifully marked; trusses as fine as those in the Zonale section.

La Foudre—Flowers quite double, bright orange scarlet; a magnificent scarlet Ivy.

La Rosiere—Soft satin rose tint, lighter margin; free and distinct.

Souv. de Chas. Turner—A wonderful stride in this lovely class, producing gigantic trusses 6 to 8 inches across, and pips 2½ to 3 inches over; flowers of a deep pink shade, feathered maroon in upper petals, the finest English variety.

Any of the above 15c, per doz \$1.50. One of each of the above varieties 50c.

SEMI-DOUBLE IVY-LEAVED GERANIUM, P. Crozy—A most distinct and pleasing variety, being the nearest approach to a scarlet yet introduced; habit of plant very dwarf and compact, and one of the most prolific flowering sorts in existence. Each 20c, 3 for 50c.

Six Good Double Geraniums

Bastien Le Page—Brilliant salmon, tinted orange. 15c each, 2 for 25c.

Bonnat—The richest and purest deep pink. The flowers are of the largest size and excellent form, trusses very large and spreading. 15c each, 2 for 25c.

HETERANTHE, DOUBLE GENERAL GRANT, Bruant—Foliage is strong, striking, and of perfect habit. Color light vermillion red, flowers perfect in shape, color and make up, trusses exceptionally large. Price 15c each, 2 for 25c.

La Favorite—Best double white geranium ever offered. The trusses are very large, flowers beautifully formed, of the purest white. Price 15c each, 2 for 25c.

Lord Tennyson—Semi-double, one of the English Geraniums; very large, semi-double flowers, distinct and effective. Color, fiery salmon. Trusses fine but not crowded. 20c each.

S. A. Nutt—The best rich dark crimson variety; large and free. A fine bedder. 15c each, 2 for 25c.

One of each of the above six double varieties for 75c.

Six Good Single Geraniums

Fred. Kanst—A new, bright scarlet; a magnificent bedding variety. Flowers borne on long footstalks and in great profusion. Each 25c, per doz \$1.50.

J. J. HARRISON—Fully equal to "Heteranth" as a bedding variety, with flowers nearly twice as large, brilliant scarlet, very bright and distinct, semi-double; each 15c, 2 for 25c.

Lady Brooke—Petals lapped and of great substance; quite round; color, white with delicate pink mark in the centre; very striking, trusses of fine size. Price 15c. each, per doz \$1.50.

Madonna—Bright green foliage of good substance, making a splendid background for the flower, which is the softest shade of pale pink. Each 15c, per doz \$1.50.

Mrs. E. G. Hill—Distinct shade of salmon, with light shading at the centre. 15c each, per doz \$1.50.

ZONAL GERANIUM, SOUV. DE MIRANDE—It has round florets, upper petals cream white, with a distinct rosy pink border; lower petals salmon rose streaked with pure white, extremely free flowering. Each 15c, 2 for 25c.

One of each of the above six single varieties for 75c.

Swainsonia Galegifolia Alba

A most desirable ever-blooming plant, with pure white flowers, produced in sprays of from 12 to 20 flowers each, the individual blooms resembling a Sweet Pea. As a decorative plant for the window or conservatory we know of nothing that will give as much satisfaction as the Swainsonia. Its easy culture, growing in almost any light position, its freedom of bloom, rarely ever being out of bloom, and the grace and beauty of the flower and entire plant will, undoubtedly make this one of the most popular plants in cultivation. 30c each, 3 for 75c.



Silver-Leaved Geranium "Mrs. Parker"

Hydrangeas (Fine Plants)

The Hydrangeas are well known favorites grown as pot plants; their immense heads of bloom make them very conspicuous. A little shade and plenty of water seem to meet all their needs.

Hydrangea Paniculata—See Hardy Shrubs, page 75.

Otaksa—A Japanese variety lately introduced; beautiful large glossy foliage, large heads of pink flowers. 25c each.

Otaksa Monstrosa, a Grand Novelty—Color of bloom intense rose, shaded white; borne in much larger clusters than in *Otaksa*; quite small plants bearing blooms of the most enormous size and which are very lasting in quality. The variety is free in growth and very free in the production of bloom. 40c each.

Thos. Hogg—Large pure white flowers, which, on well grown plants, measure more than twelve inches in diameter; is quite as hardy as the other garden sorts. 25c, 50c each.

Heliotropes [in variety]

Indispensable for bouquets and vases of flowers; their rich tints of lavender blue and purple, and exquisite vanilla perfume are familiar to all. Price 15c each, \$1.50 per doz.



Manettia Vine

[Manettia Bicolor]

A charming and profuse flowering climber, producing tubular flowers from 1 to 2 inches in length, the plant being literally covered with them the entire season. The coloring of these flowers is gorgeous in the extreme, being a flame color tipped with bright yellow; the contrast with the vivid green, glossy foliage is startling. 15c each, 4 for 50c.

Double Hollyhocks

Hollyhocks are among the finest permanent garden plants, as being entirely hardy in most places and free growing, they make a great display with little or no care. We offer them in the following shades, which are the leading colors grown: Double White, Double Yellow, Double Lavender, Double Pink, Double Crimson, Double Purple and Double Maroon. Price for two year old plants 20c each, per doz \$2.00. We can also supply good plants at \$1.50 per doz.

Mammoth Verbenas

We offer twelve of the most distinct varieties, all of which are of the mammoth or large-flowered type, which we have been selecting and improving for several years past; the colors range through all the different shades of scarlet, purple, crimson, pink blue white, etc. 10c each, 75c per doz, 25 for \$1.25, \$4.00 per 100.

PALMS

Areca Lutescens—One of the most beautiful and valuable Palms in cultivation; bright glossy green foliage and rich golden yellow stems. 50c to \$25.00.

Cocos Weddelliana—The most elegant and graceful of all the smaller Palms. Its slender erect stem is freely furnished with its gracefully arching leaves, made up of innumerable long narrow pinnae or segments of a rich green color. The Cocos are admirable for fern dishes, as they are of slow growth and maintain their beauty for a long time. 50c and \$1.00.

Latania Borbonica (Fan Palm)—This fine Palm is too well known to need any extended description. Its strong constitution and other grand characteristics render it one of the most popular Palms grown. Price, fine plants, from 4 inch pots, 50c each; 5 inch pots, \$1.00 each; 6 inch pots, \$2.00 each; 7 inch pots, \$3.00 each. Specimen plants 6 to 7 character leaves, \$5.00 each.

Kentia Belmoreana—The Kentias are among the best of the Palm species for general cultivation, being almost impregnable against diseases. One of the best in its class, graceful habit, bright green foliage gracefully disposed. Price, strong plants, 2½ feet high, \$3.00 each; second grade, fine plants, \$2.00 each; strong plants, 20 to 24 inches high, \$1.50 each; second grade, \$1.00 each; plants from 4 inch pots, 75c each; small plants, 30c each.

HARDY PERENNIALS

The tide of popular favor has turned decidedly towards these most useful of all plants. PERFECTLY HARDY, once planted will last for years, increasing in size and beauty. They are no doubt the plants of the future. The following sorts have been selected with the greatest care; we think no better can be found.

Achillea, the Pearl—The flowers, which are borne in the greatest profusion the entire summer on strong, erect stems, are of the purest white, somewhat resembling a Pompon Chrysanthemum; as a summer cut-bloom it is a great acquisition. Each 25c. per doz \$2.50.

Anemone Japonica—One of the most beautiful of the hardy herbaceous plants. They commence to open their very rich colored single blooms in August, and continue to increase in beauty until cut by frost. Each 25c. doz \$2.50.

Achillea Serrata, fl. pl.—Flowers double and of very pure white, leaves deeply cut, blooms later than "Pearl," therefore very useful for cutting. Each 20c. per doz \$2.00.

Anthericum Liliastrum (St. Bruno's Lily)—A beautiful plant with narrow, grass-like foliage, and long spikes of white, fragrant, lily-like flowers. Each 25c. per doz \$2.50.

Aquilegia Chrysantha (Yellow Flowered Columbine)—Grows two and a half feet high, forming a bush two or three feet across, which is covered for two months with golden yellow flowers with long spurs; one of the most distinct of the family. Each 25c. per doz \$2.05.

Arabis alba compacta—An edging or bedding plant, foliage prettily variegated. Each 20c. per doz \$2.00.

Clematis Davidiana—A shrubby, upright plant, from two to four feet high, with fresh, bright foliage; leaves grow in whorls around the stem. Flowers are long, tubular, bell-shaped, very distinct, deep lavender color, and of delicious fragrance. Each 25c. per doz \$2.50.

Correopsis Lanceolata—Our own estimation of the plant is such that if we had room to plant but one plant of this class, it would surely be this golden Correopsis, which begins to flower early in June and continues to flower until cut down by severe freezing weather; it is continually one mass of golden yellow. The flowers, which are of graceful form, are invaluable for cutting or decorative purposes; it is easily grown, perfectly hardy and succeeds in any position; once planted takes care of itself.

Delphinium Formosum (Perennial Larkspur)—This is certainly one of the handsomest and most satisfactory of all the hardy herbaceous plants and should be planted extensively, even in the smallest gardens; its long spikes of bright blue flowers are produced from June until frost. Each 25c. doz \$2.50.

Dianthus (in variety)—Each 25c. per doz \$2.50.

Dianthus Plumarius Stanislaus—Of dwarf, compact habit, blooming perpetually the entire summer; violet rose with deep crimson centre. Each 25c. per doz \$2.50.

Dictamnus Fraxinella—A very showy border perennial, forming a bush about 2½ feet high, having fragrant foliage and spikes of curious red flowers, giving off during hot weather a fragrant, volatile oil, which explodes when a match is applied to it. Each 25c. per doz \$2.50.

Digitalis (Foxglove)—A handsome and highly ornamental hardy perennial plant of stately growth, fine for shrubberies and other half-shady places; 3 feet. Each 25c. per doz \$2.50.

Doronicum excelsum—A strong growing perennial, with large heads of bright yellow flowers 3 to 4 inches in diameter. Each 25c. per doz \$2.50.

Eulalia Japonica Zebrina (Zebra Striped Grass)—A remarkable variegated plant having bars of yellow running crosswise, not longitudinally as in the ordinary form of variegation; easily grown. Each 25c. doz \$2.50.

Funkia Alba (Day Lily)—Pure white lily-shaped, fragrant flowers, borne in large clusters. Each 25c.

Phlox—The Phloxes are among the most desirable of the hardy perennials; their large and very brilliant trusses of beautiful flowers comprise all shades of color, from white to crimson, striped and mottled. Divide and replant in freshly prepared soil each alternate year. They delight in sunny situations and a rich soil. Each 25c. doz \$2.50.

Pyrethrums, double—Hardy Chrysanthemums, in eight beautiful double varieties. Each 40c. doz \$4.00.

Pyrethrums, single—Hardy Chrysanthemums, in nine beautiful single varieties. Each 40c. doz \$4.00.

Pyrethrum uliginosum—Pure white Aster-like flowers, about 3 inches in diameter; blooms in summer and autumn. Each 20c. doz \$2.00.

Sweet William—Rich blood red. Each 15c. doz \$1.50.

Violet, Double Russian—A perfectly hardy double blue violet, deliciously fragrant, deep in color, and very free-flowering. Each 20c. doz \$3.00.

Violet (The Czar)—Each 20c. doz \$2.00.

We can also supply the following very select List of Perennials:

Campanula (Canterbury Bells)—Each 20c. doz \$2.00.

Delphinium—In 12 varieties. Each 40c. doz \$4.00.

Dianthus Barbatus (Sweet William)—Each 40c. doz \$2.00.

Eulalia Japonica—Each 25c. doz \$2.50.

— **variegata**—Each 25c. doz \$2.50.

— **gracillima**—Each 25c. doz \$2.50.

Gypsophila Paniculata—Each 25c. doz \$2.50.

Helianthus lactiflorus—Each 20c. doz \$2.

Myosotis Palustris—Each 20c. doz \$2.00.

Papaver bracteatum—Each 25c. doz \$2.50.

Nudicaule—Each 20c. doz \$2.00.

Phlox amœna—Each 20c. doz \$2.00.

Polyanthus—Each 20c. doz \$2.00.

SPECIAL OFFER

We will supply from the above list, our selection choicest kinds, one doz. plants for \$2.50.

Or we will supply from the above list, our selection ordinary kinds, one doz. plants for \$2.00.



Correopsis Lanceolata

Gaillardia Grandiflora—The flowers are large, very numerous, produced on long stems and excellent for cutting, and of the most gorgeous coloring. The centre is dark-red brown, while the petals are variously marked with rings of brilliant scarlet crimson, orange and vermilion, and often a combination of all these colors in one flower. It delights in a rather poor, light soil, and blooms in the greatest profusion from June to November. Each 25c. 5 for \$1.00, 12 for \$2.00.

Helianthus Multiflorus fl. pl. (Double Hardy Sunflower)—An extremely useful, hardy plant; it bears profusely large double flowers of a bright yellow color, which remain in perfection a long time; it should find its way into every garden. Each 25c. doz \$2.50.

Hemerocallis Flava (Lemon Lily)—Lemon colored flowers, excellent for planting among shrubbery. Each 25c. doz \$2.50.

Hibiscus (Perennial Mallow)—The flowers, which are produced freely from July to September, are 6 to 8 inches in diameter, and vary in color from pure white to deep rose. The plants grow 5 to 8 feet high and form dense bushes, which are in season a complete mass of bloom. Each 25c. per doz \$2.50.

Hypericum Moserianum—A new evergreen shrub 2½ feet high which is covered with large flowers from May until fall. They are about 2½ in. in diameter, resembling in shape those of Rosa Polyantha but are of the richest pure golden yellow imaginable while the petals are of great substance. The flowers last four or five days when cut and placed in water, and the bulbs open out perfectly. It is really an EVER-BLOOMER. Plants 2 ft. high and bushy. (See cut). Each 30c. 4 for \$1.00.

Iceland Poppies—These Poppies range in color from the purest satiny white and yellow to the deepest glowing orange-scarlet, and have a delicious Lilac-like fragrance. The profusion of blooms which they produce is really astonishing, often a hundred flower-stems on a single plant, and they are produced in never-ceasing succession from the beginning of June to October. Mixed colors, each 20c. doz \$2.00.

Lychnis Chalcidonica—Produces heads of vermilion scarlet flowers, exceeding in brilliancy many double Geraniums. Each 20c. doz \$2.00.

Lychnis Plenissima Semperflorens—This new flower is exceedingly pretty, of a beautiful tender rose color, and is produced on long bushy spikes. It is very pretty for bouquets or for corsage, and we recommend all our friends to try a plant. Wherever it was shown in Europe it received first prizes and diplomas, and in Hamburg a silver medal. Price, 25c. each.



Hypericum Moserianum

ROSES

New Everblooming Roses of '95 and '96 Introduction

ALBERTINE BORQUET.

Large, almost full, flowers, beautifully formed. Color, yellow-mauve, with canary centre, sometimes shaded with light green. A constant bloomer and very fragrant. In habit and shape of flower it resembles Isabella Sprunt, but the petals have more substance and the flowers are more double. Good young plants 25c each.

COMTESSE DUSY.

Moderate and branching in growth, with large, full, pure white flowers of handsome, imbricated form. The beautiful buds are long and finely moulded. Strong young plants 25c each.

BELLE SIEBRECHT

A superb and widely advertised new Hybrid Tea, with large buds $2\frac{1}{2}$ to 3 inches long, of beautiful form, of a rich, true shade of solid pink; the plant is of free growth and very free flowering. Strong young plants 25c each.

COMTE DE CHANDON

A new free flowering Tea Rose with beautiful light green foliage and fine buds and flowers of medium size, semi-double, and fragrant; light golden-yellow, deepening toward the centre. Strong young plants 25c each.

MADAME ABEL CHATENAY

A free flowering perpetual blooming Hybrid Tea with beautiful buds and semi-double flowers; color, rich bronzy rose shaded salmon. Strong young plants 25c each.

MADAME JULES FINGER

This beautiful Hybrid Tea Rose has large, globular buds and very double flowers that can be cut with long stems; rich creamy white, shaded delicate salmon rose. Strong young plants 25c each.

MRS. PIERPONT MORGAN

This is a sport from Madame Cusin, but it is much more robust and free blooming, with flowers and foliage much larger than that variety. The long-stemmed buds and flowers are elegantly shaped, fragrant, and of fine substance; color, intense bright cerise or rose-pink. Good young plants 25c each.

MADAME CARNOT

A new French variety that will be useful because of its beautiful, long, pointed buds, which can be cut with very long stems. The flowers are white, shading to pale sulphur-yellow; very large and nearly full. Good young plants 25c each.

HIPPOLYTE BARREAU

The buds are solid and beautifully moulded, the petals close upon each other in folds of deep carmine-crimson, shaded with velvety maroon; in the open flower they are regularly and elegantly reflexed almost to the centre, yet with a soft, light effect that has no suggestion of heaviness. Good young plants 25c each.

SOUV. DE MADAME VERDIER

This new French Tea has beautiful buds, tinted in the centre with a warm buff-yellow that changes to pure white in the open flower; very double and sweet. Strong young plants 25c each.

SOUV. DE LAURANT GUILLOT

This is a really unique Rose of the Madame de Watteville type, but with wider bordered petals of a deep carmine rose, showing less lemon at their base. Strong young plants 25c each.

PINK SOUPERT

A seedling of Clothilda Soupert, with which it is identical in general habit, but with flowers of a deep pink color; a most valuable addition to our list of hardy ever-blooming roses. Strong young plants 25c each.

CLIMBING SOUV. de la MALMAISON

A sport from the well-known and popular Souv. de la Malmaison, having similar rich glossy foliage and superb flesh-colored flowers. A strong ever-blooming climber. Strong young plants 25c each.

We will furnish one each of the above 13 new varieties for \$2.75, postpaid.



Rose—Mrs. Pierpont Morgan.

THE MEMORIAL ROSE

(Rosa Wichurniana)

A new and beautiful single Rose from Japan. Blooms in clusters on the ends of short branches during July and August. Flowers fragrant, single, pure white, from 6 to 8 inches in circumference, with yellow stamens, followed in fall and winter with bright red fruit. Foliage dark shining green, almost ever-green; prostrate, trailing habit, and soon forms a dense mat or covering. Valuable for covering low walls, banks or rockeries, and for covering graves in cemeteries. It is perfectly hardy. Extra strong plants 40c each, \$4.00 per doz.

ROSA RUGOSA

The lovely Ramanas or Rugosa Roses form sturdy bushes 3 to 5 feet in height, covered with handsome, glossy green foliage, and clusters of beautiful single flowers, which emit a delightful odor. They bloom nearly the whole summer, and are covered during autumn and winter with red seed pods. **Rosa Rugosa**—Fine glossy crimson. **Rugosa Alba**—Pure white. Extra strong plants 40c each, \$4.00 per doz.

HELEN KELLER

It is an ideal hardy garden Rose, showing its prominent traits of exceptional vigor and profuse perpetual bloom even in small plants. The large, fragrant flowers and buds are clear, brilliant rose-pink and of fine shape and substance. Strong young plants 50c each.

MRS. J. SHARMAN CRAWFORD

Mrs. J. Sharman Crawford is unquestionably a Rose of great excellence. Color, deep rosy-pink, the outer petals tinted with pale flesh in quite a new and unique shade; white at base of petals. The flowers are large, full and very fragrant, of perfect, imbricated form, and freely produced. Extra strong two-year-old plants 50c each.

MARCHIONESS OF LORNE

A remarkable free flowering variety, with cup-shaped flowers of an exceedingly rich and fulgent rose-color, slightly shaded in the centre with vivid carmine. They are large, very sweet and full, with long handsome buds. Extra strong two-year-old plants 50c each.

MARGARET DICKSON

The flowers are of the purest white, of extra large size and of immense substance. It is a strong, vigorous grower, with fine large foliage. Extra strong two-year-old plant 50c each.

New Rose,

CLIMBING METEOR

This Rose will make 10 to 15 feet of growth in a season, and show a profusion of bloom every day. Foliage strong, healthy and luxuriant. Buds exquisite; flowers large, beautifully shaped, and of that rich, dark, velvety crimson color seen only in the Jacqueminot. Much deeper and richer than Meteor. We do not hesitate to pronounce it the finest rose in existence for summer blooming, as it will make a large growth and is loaded with its glorious blossoms all the time. Just the rose to train up in a conservatory, where its exquisite blossoms will show to wonderful advantage. Good young plants 30c each, 4 for \$1.00.

12 SELECT EVER-BLOOMING SUMMER ROSES

Clothilda Soupert—The flowers of this beautiful variety are of a unique color, being of a pearly white, shaded at the centre with silvery rose, and are produced in the greatest profusion.

Countess de la Barthe, or Duchess de la Brabant—Of a beautiful silvery-pink color, very fragrant.

Hermosa—Undoubtedly the best pink bedding rose in cultivation.

La Nieve—A new Bengal or Daily Rose. We have only a few Roses of this class, and this lovely variety is a welcome addition. The flowers are pure white, medium in size, very double, and so freely produced that a bed of it will be in bloom the entire summer.

Mlle. Francisca Kruger—Rich coppery yellow, flowers large, full and fragrant; one of the best of its type.

Maman Cochet—Undoubtedly the finest bedding Rose of recent introduction. It is an extra strong, clean, vigorous grower, producing its charming buds and flowers in the greatest profusion. Its color is of a deep rose pink, the inner side of petals silvery rose. They are borne on long, stout stems, very double and simply exquisite when in bud or half bloom.

Marie Guillot—White, slightly tinted with lemon; very large, finely-shaped flowers.

Marie Van Houtte—An old well-known variety with pale yellow flowers of beautiful form, one of the best bedding varieties.

Papa Gontier—One of the finest Roses either for out-of-doors or for winter forcing; dark carmine crimson.

Queen's Scarlet—A rich shade of crimson, a most prolific flowering and a most desirable bedding variety.

Safrano—Saffron yellow.

Souvenir de la Malmaison—Rich flesh color, beautifully shaped double flowers.

Strong Bushes 40c each; \$4.00 per doz.

NEW YELLOW RAMBLER

Is of vigorous growth, making shoots from eight to ten feet in one season, thus making it a splendid pillar rose. It is also magnificent in bush form. One of the striking characteristics of this rose is its remarkable color, which is of the purest yellow, which remains undimmed to the end. The flowers are produced in great pyramidal panicles, each carrying from thirty to forty blooms. Strong young plants 60c.

See our premiums on Order Sheet.

HYBRID PERPETUAL ROSES

In the list offered we believe that the range of color comprises all the distinct and really valuable shades. Many sorts have been left out, not because they are of no value in themselves, but that the sorts listed are superior in size, hardiness, vigor, productiveness or some other characteristic that is necessary to make a good rose.



Alfred Colomb—A splendid rose; large, globular, full and very sweet; bright, clear cherry red, shaded with crimson.

Alfred K. Williams—Carmine red, changing to magenta.

American Beauty—The flowers are very double, of a deep crimson color, and very fragrant.

Anna de Diesbach—Clear bright carmine; very large and finely shaped, full and fragrant.

Baron de Bonstettin—Dark red, almost black; very large, double, fragrant flowers; a strong grower.

Baroness Rothschild—A magnificent rose, color rich satiny pink.

Boule de Neige (Ball of Snow)—A pure white rose of good substance, of fine form and medium size.

Capt. Christy—A lovely rose, blooming almost the entire season; very large double buds of a deep flesh color.

Dinsmore—Rich crimson.

Duchess of Albany—Rich deep pink.

Earl of Dufferin—Velvety crimson shaded with maroon, large, full, finely formed.

Fisher Holmes—Rich velvety crimson, large double; and of fine form; a splendid rose.

General Jacquimenot—Brilliant scarlet crimson.

Gloire de Margottin—Dazzling scarlet.

John Hopper—Bright rose, carmine centre; flowers large, cupped, and well formed.

Jules Margottin—Bright carmine, cupped; very fragrant.

La France—Splendid satin rose; very large, full fine form; a constant bloomer.

Mabel Morrison—Pure white; in autumn faintly flushed with pink; a lovely and distinct rose.

Mme. Gabriel Luizet—Fine satiny rose; very large and full.

Magna Charta—Bright pink, suffused with carmine; a beautiful rose; strong, vigorous grower.

Merveille de Lyon—Pure white, shaded with satiny rose.

Mrs. John Lang—Delicate pink, with satin tinge.

Paul Neyron—Very large dark rose; by far the largest rose in cultivation.

Prince Camille de Rohan—Deep velvety crimson maroon, shaded with red.

Queen of Queens—Pink with blush edges; large and full blooms; a true perpetual flowering rose.

Ulrich Brunner—Bright cerise red; flowers large and full.

White Baroness—Pure white; a splendid bloomer.

Xavier Olibo—Dark velvety purple, shaded amaranth.

First size, extra heavy two-year old plants, 40c each; \$4 per doz; \$30 per \$100.

DAMASK ROSES

These four old roses should be in every garden. Though they bloom but once a year, their fragrance, beauty, size, perfect hardiness, and the abundance of flowers they produce make them indispensable.

Cabbage, or Provence—Rosy pink flowers.

Madame Hardy—Beautiful large double white flowers.

Madame Plantier—Pure white and a free bloomer; unrivalled for hedges or cemetery use.

White Provence—Pure white, delightfully fragrant.

Large Size Plants—40c each; the set of 4 for \$1.50.

GENERAL COLLECTION OF TEA ROSES

The tea-scented ever-blooming Roses are admired for their delicious fragrance, free-blooming qualities and the exquisite shapes and coloring of their flowers. They make excellent bedders, and yield a succession of bloom through the entire season.

Anna Oliver—A superb rose of very large, full form, very double, and of good substance. Color lovely creamy-blush, shaded with deep carmine, tinged and edged with silvery-rose; very fragrant. Splendid in September and October.

Augusta Victoria—A deliciously fragrant white rose, vigorous grower and constant bloomer.

Baronne Berge—An excellent bedding variety, the flowers of medium size, very double and formed like a Camellia, color light yellow, with the petals bordered with light rose, centre bright china rose.

Catherine Mermet—Bright pink.

Etoile du Lyon—Fine sulphur yellow of deeper color in the centre.

Mad. Cusin—Purple rose, white centre, tinted yellow; large, full and well formed.

Mad. de Wattville—Creamy white, each petal bordered with light rose,

Meteor—A rich dark velvety crimson.

Papa Gontier—Exceedingly free-flowering; one of the finest roses either for out of doors or for winter forcing. The blooms are large and long, and of a dark carmine crimson.

Perles des Jardins—Beautiful rich yellow.

Prince Kamil Pacha—The flowers are produced on long stems, are very large and globular, with petals of good substance, color apricot changing to salmon yellow.

The Bride—Pure white.

First size, strong plants, 40c each; \$4 per doz.

HARDY CLIMBING OR PILLAR ROSES

The following list comprises the best of the hardy Roses which are of climbing habit, and suitable for training on pillars, verandas, etc.

Baltimore Belle—Blush of medium size, flowers in clusters.

Climbing Hermosa—Fine pure pink, very free.

Gem of the Prairies—Rich rose color, very fragrant.

Grevilla or Seven Sisters—Flowers in clusters, rose color, changing to white.

Prairie Queen—Deep rose, hardy and desirable.

Reine Marie Henriette—Rich cherry crimson.

Russell's Cottage—

Sweet Briar—True old English, rosy pink.

Tennessee Belle—Blush, of good size, flowers in clusters.

Washington—Pure white, very free.

White Microphylla—Very free bloomer.

W. A. Richardson—Orange yellow, entirely new shade, very desirable.

Yellow Persian—Bright golden yellow, the only hardy yellow climbing rose.

First size, strong plants, 40c each; \$4 per doz.

MOSS ROSES

A class of Roses which is a general favorite. The beauty of the flowers consists in the delicate mossy covering which surrounds the bud, and which gives to the opening flower a unique appearance. The varieties listed comprise the best of this section, and are all perfectly hardy.

Blanche Moreau—Lovely pure white, large and full.

Comtesse de Murinais—Large white, beautifully mossed.

Crested Moss—Deep pink, crested.

Glory of Mosses—Color rich glossy pink, tinged crimson.

Princess Adelaide—Bright rosy pink, large.

William Lobb—Purplish violet.

First size, 40c each; \$4 per doz.



CRIMSON RAMBLER

This climbing Rose is of vigorous growth making, shoots from 8 to 10 feet in height during a season, and is consequently a most desirable climbing variety; when pegged down or grown as a bush, marvellous heads of bloom are the result. It is exceedingly hardy. As a pot-plant it is unequalled for decorative purposes. The flowers with which the plant is covered in the spring are produced in large trusses of pyramidal form and of the brightest crimson color. The blooms remain on the plant

for a great length of time without losing their brightness. The foliage is also retained to a great extent during the winter, making the plant almost an evergreen. It is said to be extremely hardy, having withstood the test in exposed situations.

We offer good strong young plants at 25c each; 5 for \$1.

Extra strong two-year old plants at 50c each; \$5.00 per doz.

CLEMATIS

NEW RED CLEMATIS

Madame Edouard Andre—An entirely distinct and most novel variety and the nearest approach to a bright red ever sent out. The plant is a strong, vigorous grower, being a hybrid of the popular Jackmanni, which it resembles in freedom of bloom, strong vigorous growth and shape and size of flower, but is of a distinct carmine red color of a most pleasing shade, entirely different from other varieties. Each 75c.

Clematis Paniculata—A Japanese plant recently introduced to this country and possessing unusually attractive merits. A vine of very rapid growth, quickly covering trellises and arbors with handsome, clean, glossy green foliage. The flowers are of medium size, pure white, borne in immense sheets, and of a most delicious and penetrating fragrance. These flowers appear in late September, at a season when very few other vines are in bloom, being an added merit of great consequence. The extreme rapidity of its growth, the showy foliage, beautiful and fragrant flowers borne so very freely, and its late blooming nature, united with an entire hardihood, serve to make this one of the very choicest of recent introductions. Good strong plants, each 25c, 5 for \$1.00. 3 year old plants, each 50c.

Anderson Henryi—Creamy white, large and handsome.



Clematis Paniculata

Clematis Virginiana—A rapid strong-growing variety, producing a profusion of white flowers during July and August. Each 30c, 4 for \$1.00.

Duchess of Edinburgh—The best of the double pure whites, deliciously scented.

Gipsy Queen—Very finest purple variety; strong; free bloomer.

Boskoop Seedling—Large lavender.

Jackmanni—Most popular variety. Dark royal purple; mass of bloom.

Jackmanni Alba—Fine pure white.

Jackmanni Superba—Violet purple.

John Gould Veitch—Blue; double.

Kermesina—Crimson flower, small but very floriferous.

Lawsoniana—Purple; darker veins.

Lord Lonsborough—Mauve.

Madame Von Houtte—White; fine.

Mad Baron Veillard—Light rose, shaded lilac.

Miss Bateman—White with chocolate-red anthers.

Standishii—Light lavender blue.

The Gem—Deep lavender blue.

Each 60c. Per dozen \$7.00.

Flammula, "Fragrant Virgin's Bower"—This is an old and well-known species; flowers pure white, deliciously fragrant. The plants attain the height of 20 feet, and, when trained on trellis work, and in full bloom, look like a mass of snow. The odor is perceptible at a distance of 200 yards. Hardy; each 30c, per doz \$3.00.

Hardy Passion Flower

Constance Elliott—An elegant climbing vine. The flowers are large, remarkably handsome and attractive, highly perfumed. Color, pure ivory white with raised centre. Hardy in open ground if given a light covering of leaves or litter during winter. Each 25c, doz \$2.50.

Bignonia (Trumpet Creeper)

For covering unsightly places, stumps, rock-work or planting in crevices in ledges, the Bignonias will be found very useful. The flowers are large, attractive and showy, and borne profusely when the plant attains a fair size.

Grandiflora—Large-flowered Trumpet Creeper, bearing blooms of orange red color. Each 50c.

Radicans—Dark red, orange throat; free blooming and very hardy. Each 30c, doz \$3.00.

Cobaea Scandens

A beautiful climber of rapid growth, bearing large purple bell-shaped flowers. Large plants, each 25c.

Honeysuckles

Monthly Fragrant—Beautiful variegated flowers; blooms all the summer. Each 50c.

Scarlet Trumpet—A strong, rapid grower; bright scarlet flowers; blooms all the summer; large plants, each 50c.

Yellow Trumpet—A very robust rapid grower; yellow flowers; blooms all the summer. Large plants, each 50c.

Virginia Creepers

A very well-known rapid grower; like the Bignonia and Ivy it throws out roots at the joint by which it fastens itself to anything it touches. Small plants each 20c, large strong plants each 40c, per doz \$4.50.

Chinese Wistaria

This is one of the most popular of our hardy vines, growing very rapidly, climbing to a height of 50 feet or more, when in bloom is truly magnificent. It flowers in early spring in long, drooping racemes, resembling in size and shape a bunch of grapes.

Chinese (Sinensis)—Flowers in clusters, pale blue, sometimes gives a second crop of flowers in fall. Each 50c.

Sinensis Alba—Flowers in long drooping clusters, as in blue variety; pure white color, most striking. Each 50c.

English Ivy—A splendid evergreen, well-known climber, glossy green leaves, clings firmly to stone or brick walls. Each 15c, 3 for 40c, doz \$1.50.

Aristolochia Sipho (Dutchman's Pipe)—A vigorous growing vine with heart-shaped leaves and curious pipe-shaped flowers; one of the very best climbing vines known, hardy, rapid grower, best for porches, verandahs and sides of dwellings. Each 50c.

Boston Ivy

Ampelopsis Veitchii (Boston Ivy)—A beautiful hardy climbing plant of Japanese origin. This is one of the finest climbers we know for covering walls, as it clings firmly to the smoothest surface, covering it evenly with the over-lapping leaves which form a perfect mass of foliage. The color is a fresh deep green in summer, changing to the brightest shade of crimson and yellow in autumn; quite hardy and becoming more popular every year. Small plants 20c, 3 for 50c, 7 for \$1.00, strong plants each 40c, 3 for \$1.00.

Ampelopsis Royali—It is identical with Veitchii as regards its climbing properties, but it is a larger and stronger plant. The leaves even in summer are tinted crimson, in autumn flame-colored. Strong plants each 50c, per doz \$5.00.

ORNAMENTAL SHRUBS

Almond, Dwarf Double-flowering—Well known, covered in spring with pink flowers like double roses; showy.

Berberry—Well known; handsome yellow flowers and pink fruit, good for preserving.

Berberry, Purple-leaved—A handsome variety with purple foliage; very ornamental and distinct.

Deutzia, Gracilis—A variety with slender branches, pure white flowers.

Deutzia, Crenata—Very desirable, with double white flowers tinged red.

Filbert, Purple-leaved—Remarkable, purple leaves, distinct and fine.

Hydrangea Paniculata Grandiflora—This is the finest hardy shrub in cultivation and endures heat and cold extremely well. The flowers, which are borne in dense pyramidal panicles in the greatest profusion, are white when they first open, but gradually change to rose color and remain in good condition for weeks. Price, 3rd size 25c, 2nd size 50c, 1st size 75c.

Honeysuckles, Tree-shaped—Several varieties; desirable shrubs with handsome dense foliage, and covered in May with a profusion of delicate small flowers, followed by rich orange-colored berries.

Lilacs, White, Red and Purple—Well-known handsome large shrubs, with luxuriant foliage and stout erect branches. Flowers in clusters, exceedingly fragrant and beautiful.

Lilac, Persian—Slender growing shrubs, more delicate and graceful than the above; white flowers very handsome and fragrant.

Privet—A handsome shrub, with spikes of white flowers in June, and clusters of black berries like currants; makes a beautiful hedge.

Prunus Trilobata—A new large shrub from China, with slender branches and pink flowers in profusion.

Each 75c. Per dozen \$7.00

Quince, Japan—A shrub with spreading branches like the common Quince, but which presents a splendid appearance in May, when covered with large brilliant scarlet flowers.

Spirea Prunifolia—Handsome shrub, white daisy-like flowers in May; one of the best.

Spirea Eximia—Flowers a bright rose color; very showy, blossoms in July.

Spirea Billardi—Red, blossoms a long time.

Syringas—Several kinds; well-known, hardy desirable shrubs, with handsome white flowers, some quite fragrant.

Syringa (Golden Leaved)—Pretty plant of medium size, golden-yellow foliage; retains its color the entire season; valuable for creating contrasts with green and purple-leaved shrubs.

Snowball—An old favorite spreading shrub; covered in June with handsome white flowers.

Snowball (Chinese)—From North China; has rich deep green foliage and pure white flowers; quite distinct from the common sort.

White Flowering Fern—A perfectly hardy shrub about 5 ft. high, covered in June with white flowers in spikes 6 in. to 1 foot long.

Weigelia Amabilis or Splendens—Resembles Rosea, leaves and flowers somewhat larger.

Weigelia, Variegated Leaved—Leaves bordered with yellowish white; flowers rose color.

Weigelia, Van Houttei—A hardy vigorous growing sort, bearing a profusion of deep rose colored flowers in May and June.

Weigelia Rosea—A hardy, handsome Chinese shrub, blossoming in June; flowers a beautiful blush, changing to a deep rose color; very elegant.

REMEMBER when asked for we give a copy of Simmers' Vegetable and Flower Garden with every dollar's worth ordered

SIMMERS' SELECT LIST OF NURSERY STOCK

STANDARD APPLES

STANDARD APPLES are intended for orchards, and are usually planted when 5 to 7 ft. high. The varieties in this list can be recommended as THE BEST now in cultivation in Canada.

SUMMER APPLES.

Astrachan Red—Large, roundish, nearly covered with crimson and thick bloom; rich, acid, beautiful; hardy tree, vigorous grower, good bearer. Aug.
Early Harvest—Medium to large size, yellow, tender, with a mild flavor; a good bearer. August.
Yellow Transparent—A Russian apple. The earliest ripening apple grown; full size; rich, transparent lemon yellow color. Flesh melting, juicy, pleasant sub-acid. Ripens ten days earlier than Early Harvest.
 Price.....25c each.

AUTUMN APPLES.

Alexander—Very large and beautiful, deep red and crimson; one of the most showy apples in cultivation, and very productive. Oct. and Nov.
Colvert—Large, with a handsome red cheek; an excellent and profitable apple; rapid grower and hardy. November.
Duchess of Oldenburg—Large, beautiful, roundish, red and yellow; tender and juicy; bears young and profusely. Very hardy. Might be classed in summer list.
Fall Pippin—Very large, roundish oblong, yellow; flesh tender, delicious. Fine bearer. Oct. to Dec.
Fameuse—Commonly known as "Snow." Hardy. Oct. and Nov.
Gravenstein—Large, striped, round; first quality. Hardy, productive and generally esteemed. Oct.
Maiden's Blush—Large, flat, yellow, red cheek; tender, pleasant; excellent bearer. Oct. to Dec.
St. Lawrence—Large; red and yellow; crisp, vinous, tender; good. Free grower. Oct.
Twenty Ounce—Very large, showy, prolific, well known.
 Price.....25c each

WINTER APPLES.

Baldwin—Large, brown red, rich, very prolific; One of the most popular winter apples. Jan. to Apl.
Golden Russet—Vigorous, medium, crisp, juicy, mild, sub-acid, hardy, very good, long keeper. Nov. to May.
King of Tompkins—A very large red apple; tree grows and bears well. Nov. to May.
Northern Spy—Vigorous and hardy, large, striped, red, tender, juicy, mild, sub-acid; a fine dessert fruit. Late.
Ontario—New; A cross between Northern Spy and Wagener; tree is vigorous and bears quite young and abundantly. Fruit is large, red, fine, tender, juicy and aromatic. Jan. to April.
Pewaukee—Vigorous, hardy, bright yellow with red, tender, juicy, sub-acid. Jan. to May.
Princess Louise—A cross between Fameuse and Maiden's Blush; nearly conical, flesh pure white, tender, juicy, with a rich and high aroma, vigorous and hardy. January.
Rambo—Vigorous, medium size, yellow and red, tender, juicy, mild, sub-acid, good. Oct. to Jan.
Red Canada—Red, tender, crisp, delicate. Tree hardy but rather spindling grower. Nov. to May.
Rox. Russett—Good apple, too tender for the North.
R. I. Greening—Large, green, fine grained, rich, sub-acid; tree is a little tender in some northern sections. Late.
Yellow Bellflower—Large, yellow, crisp, juicy, acid to sub-acid, free grower, hardy. Nov. to Feb.
 Price.....25c each.
Wisner's Dessert—A new variety for delivery fall of 1897. Orders taken now. \$1.00 each.

CRAB APPLES

Gen'l Grant—A beautiful Crab for ornament and preserving, and for eating out of hand. Color, red; fruit is large, tender and juicy.
Hyslop—Vigorous, large, deep crimson, sub-acid. Sept.
L. R. Siberian—Free grower, large, red and yellow. Sept.
Montreal Beauty—Free grower, large, yellow and red, firm, acid. Sept. and Oct.
Transcendent—Vigorous, medium, red and yellow, a beautiful variety of the Siberian class. Sept.
Whitney's Seedling—New, large, handsomely splashed with carmine, fine quality; tree very ornamental grower, heavy yearly bearer. Sept. and Oct.
 Price.....50c each.

STANDARD PEARS

Standard Pears are grown upon Pear stocks and the Dwarfs upon Quinces.

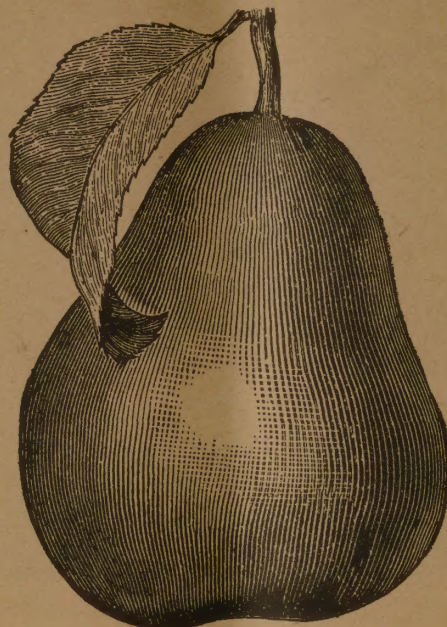
Summer Pears should be picked at least ten days before they are ripe; Autumn Pears at least a fortnight, and Winter Pears should be left on the tree until the leaves begin to fall; these points and proper thinning of the fruit when about one-third grown, are important in the management of the Pear.

SUMMER PEARS.

Bartlett—Vigorous, large, yellow and red, juicy, buttery, with rich, musky flavor; very good. Sept.
Brandywine—Free grower, medium size, yellow and russet, melting, juicy, good. Aug.
Clapp's Favorite—A Cross between Bartlett and Flemish Beauty; fruit resembles the former, tree the latter.

SUMMER PEARS—(Continued).

Tyson—Medium, yellow and russet, melting, juicy, sweet, tree vigorous grower and good bearer. Aug.
Wildor Early Handsome, delicious early Pear. Aug.
 Price.....50c each.



Early Wildor Pear

AUTUMN PEARS.

Duchess d'Angouleme—One of the very largest Pears grown; greenish yellow, sometimes a little russeted, beautiful tree, profitable. Oct. and Nov.
Flemish Beauty—Large, beautiful, juicy, melting, rich, strong grower, good bearer. Sept. and Oct.
Kieffer—Large, rich, golden, slightly coarse, juicy, with pronounced quince flavor; tree exceedingly vigorous grower and early bearer. Oct. and Nov.
Seckel—Med. brown, highest flavor. Sept. and Oct.
Sheldon—Large, russet and red, melting, rich, delicious, hardy, vigorous and productive. Oct.
 Price.....50c each.

EARLY AND LATE WINTER PEARS.

Anjou—Very large, pyriform, greenish yellow, buttery, juicy, sprightly, vinous, one of the most valuable Pears in the catalogue. Nov. and Dec.
Lawrence—Medium to large, golden yellow, melting, pleasant, aromatic, very good, valuable winter Pear. Tree good grower and bearer. Nov. and Dec.
 Price.....50c each.

CHERRIES

Cherries succeeds well on dry soil, can be trained in any form that taste or circumstances require.

Black Eagle—Large, black, tender, juicy. July 1.
Black Heart—Old variety, large, rich, tender. July
Black Tartarian—Large, mild, pleasant flavor, purplish black, good grower and bearer. End June.
Early Richmond—Med. red, juicy, acid. June.
English Morello—Large, dark red, sub-acid, good.
Governor Wood—Medium large, clear light red, juicy and delicious. End of June.
Yellow Spanish—Large, pale yellow with red cheek, juicy, delicious and sweet. End of June.
 Price.....50c each.



Early Richmond Cherry

PLUMS

Plant 18 feet apart, on good substantial soil. The stock I offer is very fine, and cannot be excelled for thriftiness.

Bradshaw—Very large, dark violet red, juicy, sweet and good, one of the best. Aug.
Coe's Golden Drop—Large, yellow, firm, sweet. Sept.
Imperial Gage—Excellent, large, pale green. A
Lombard—A rampant grower, and wonderfully productive, medium, violet red, good. Sept.
Pond's Seedling—A magnificent English, light red Plum, good grower, abundant bearer. Sept.
Shipper's Pride—Large, often measuring 2 inch each way, being nearly round; excellent for canning, and an unusually good shipper, and keeps a long time. Sept.
Yellow Egg—A well known large plum, firm, sub-acid, and fine for cooking.
 Price.....50c each.

PEACHES

Crawford's Early—A superb yellow Peach, good quality; a productive and early sort. Sept.
Crawford's Late—Resembles Early Crawford but later.

ORNAMENTAL DEPARTMENT

Upright Deciduous Trees

Ash-Leaved Maple—Native of Manitoba, extremely hardy, very rapid grower, bearing leaves resembling the Ash.
American Sweet Chestnut—It is a very rapid grower, an early and abundant bearer, hardy as an oak, and thrives on any soil except a wet one.
Black Walnut—A native species of large size and majestic form, foliage beautiful, being composed of from thirteen to seventeen leaflets.
Butternut—A native tree of medium size, spreading head, greyish colored bark.
Horse Chestnut—A very beautiful well known tree, round, dense, head, dark green foliage, an abundance of showy flowers in early spring.
Hardy Catalpa—Is a favorite deciduous ornamental tree. Rapid grower, with immense leaves often measuring one foot in width, by two feet in length. Suited to all soils, the easiest of all trees to transplant, will stand any amount of neglect.
Lombardy Poplar—Well known for erect rapid growth and commanding form; very desirable in large grounds, or along roads to break the average height and form of other trees. 35c each, \$3.50 doz.
Maiden Hair Tree—One of the most beautiful of lawn trees. A native of Japan, of medium size, rapid growth, rich, glossy, fern-like foliage. Rare and elegant.
Mountain Ash—A fine hardy tree, head dense and regular, covered from July till winter with large clusters of bright scarlet berries.
Oak Leaved Mountain Ash—Hardy tree of firr habits, height from twenty to twenty-five feet, foliage simple, deeply lobed. Very fine lawn tree.
Purpled-Leaved Maple—Young shoots and leaves of a purplish and crimson color; beautiful, hardy, vigorous. \$1.50 each.
 Price, except where noted, 75c each; \$7.00 dozen.

Weeping Deciduous Trees

Cut-Leaved Weeping Birch—Extremely vigorous and hardy. Price \$1.00.
Kilmarnock Weeping Willow—An exceedingly graceful tree, with large, glossy leaves; very hardy, much prized for lawns and especially for cemeteries. Price \$1.00.
Weeping Mountain Ash—A beautiful tree, with straggling weeping branches; makes a fine tree for lawn; suitable for covering arbors. Price 75c.
Weir's Cut-Leaved Maple—A variety of sive maple. One of the most remarkable of trees, with cut or dissacted foliage. Price 75c each.

Evergreen Trees

American Arbor Vitae—This is one of the very finest Evergreens for hedges. It is very hardy and if set at the proper time with care and without undue exposure it may be relied upon to live; but small plants 12 to 18 in. high, which have been transplanted several times are preferable.
Austrian or Black Pine—A remarkable, robust hardy, spreading tree, leaves long, stiff and dark green; growth rapid; valuable for this country.
Scotch Pine—A fine, robust, rapid growing tree with stout, erect shoots and green silver foliage.
Norway Spruce—A lofty elegant tree of perfect pyramidal habit, remarkably elegant and rich and as it gets age, has fine, graceful, pendulous branches; it is exceedingly picturesque and beautiful. Very popular and deservedly so, and should be largely planted. One of the best Evergreens for hedges.

PRICES OF EVERGREEN TREES.

			Per doz.	Per 100.
30 to 40 inch...	50c each..	\$1.50	\$35.00	
24 " 30 "	40c "	4.00	30.00	
18 " 24 "	30c "	3.00	20.00	
12 " 18 "	20c "	2.50	15.00	

HARDY GRAPE VINES

It is not safe to send these roots after the leaves have started, as the close packing required to protect the roots injures the foliage and often kills the plant; we would therefore ask our customers to kindly send us their orders as early as possible, and to reach us not later than the first of May, as after that date they usually begin to leaf. Nearly all of these roots are grown in open ground, and consequently cannot be forwarded until the frost is sufficiently clear in spring to lift them; they will be forwarded as soon after as possible, and when the plants are in best condition for safety.

BLACK GRAPES

	Price each.	per doz.
Concord —Old reliable sort, large and fine.....	25c.	\$2 50
Warden —Best black grape seedling of Concord, larger more delicious, much earlier, very reliable.....	30	3 50
Moore's Early —Earliest good black grape, very large.....	40	4 50
Champion —Hardest and earliest of all.....	25	2 50
Wilder —(Rog. 4), largest black, very fine.....	25	2 50

RED GRAPES

Lindley —(Rog. 9), best red, very delicious.....	30	3 50
Massasoit —(Rog. 3), earliest red, excellent.....	30	3 50
Salem —(Rog. 22), dark red, good quality.....	30	3 50
Vergennes —Berries large, holding firmly to the stem; light amber, rich and delicious.....	50	4 50
Jefferson —Bunch very large, light red, sweet and juicy.....	40	4 50
Delaware —Red, well-known sort; delicious and productive.....	40	4 50
Brighton —Finest quality of all out-door grapes, dark red.....	40	4 50
Moyer —New red, splendid early, well rooted.....	1 00	10 00

WHITE GRAPES

Niagara —Finest large white grape, very sweet.....	75	7 0
Moore's Diamond —Greenish white, compact bunches, berries size of Concord.....	1 00	10 00
Jessica —Earliest white grape, very delicious.....	75	7 00
F. B. Hayes —White early, hardy, large, sweet, new.....	1 00	10 00

All Vines Two Years Old; Well Rooted.

FOREIGN GRAPE VINES

For culture under glass.

Black Hamburg —Black, exceedingly reliable.....	Fine 2-year old Vines \$1.50 each except where noted
Muscat Hamburg —Black, muscat flavor, very delicious.....	
Duchess of Buccleugh —Delicious, white.....	
Lady Downs —Large black, late, one of the best.....	
Madresfield Court —Berries very large black, a superb grape.....	
Bowood Muscat —White, large, sugary, each \$2.00.....	
Foster's White —Excellent.....	

RASPBERRIES

We send out extra strong canes. Smaller sizes can be quoted much lower on application.

Red Varieties

JAPANESE RASPBERRY (Wineberry)—Something like the Raspberry in growth and hardiness; bears in clusters. Plants, each 15c, 8 for \$1.00, 18 for \$2.00, postpaid.

SCHAFER'S COLOSSAL—Reddish brown to purple, very large. Each 10c, per doz \$1.00.

Cuthbert—A decidedly fine variety. Each 10c, per doz \$1.00.

Turner—Red, hardest of all, very sweet, early. Each 10c, per doz \$1.00.

Yellow Varieties

BRINCKLES ORANGE—Decidedly the best of the yellow sorts. Each 15c, per doz \$1.25.

GOLDEN QUEEN—very large, delicious and firm. Each 10c, per doz \$1.00.

Caroline—Yellow, hardy, an immense bearer, fruit good size. Each 10c, per doz \$1.00.

CURRENTS

A rich loamy soil is desirable; plant 6 feet by 4, mulch and protect in winter.

FAY'S PROLIFIC—Has sustained all claims that were ever made for it by the originator, which were as large as Cherry, berries much more uniform,

with larger stems and fruit less acid, and far more productive. 2 years. Each 25c, per doz \$2.

Cherry—Red, large as Fay's Prolific. Each 15c, per doz \$1.50.

White Grape—Finest White Currant, mild flavored, berries and bunches large, very productive. Each 15c, per doz \$1.50.

Black Naples—Fine reliable sort, much larger than old "Black English." Each 15c, per doz \$1.50.

Lee's Prolific—Best old black currant, fine grower, good bunches, berries large, very productive. Each 15c, per doz \$1.50.

Black Champion—New, the finest Black Currant, large as Lee's Prolific, much more delicious and a great cropper on soils which do not suit other varieties at all. Each 20c, per doz \$2.00.

ELEAGNUS LONGIPES

A vigorous growing hardy shrub, only a few feet in height, producing fruit half an inch or more long, of a bright red color, covered with white dots; it may well be grown for the beauty of its fruit alone, which, moreover, is juicy and edible, with a sharp, rather pungent, agreeable flavor. To some persons it is far preferable to the Currant or Gooseberry, and is without question a valuable addition to our small fruits. Each 25c, 3 for 60c, 6 for \$1.00, doz \$2.00, by mail, postpaid.

Fay's Prolific Currant.

BLACKBERRIES



Schaffer's Colossal Raspberries.

TAYLOR'S PROLIFIC—Largest of all hardy sorts, and hardest of all large sorts, very productive, very delicious. Each 10c, per doz \$1.00.

Agawam—About as large as Taylor, almost as hardy and the sweetest of all. Each 15c, per doz \$1.00.

Erie—Famous sort, very large, very early, not as hardy as Taylor. Each 20c, per doz \$2.00.

Lawton—Fruit very large and black, excellent quality, and an abundant bearer. Each 10c, per doz \$1.00.

Snyder—Extremely hardy, enormously productive, medium size, less thorns than any other variety. Each 10c, per doz \$1.00.

RASPBERRIES (Black Caps)

Ohio—A Black Cap of magnificent quality, hardy, and the best canning or evaporating. Each 15c, per doz \$1.50.

Hilborn—Large, productive, and of fine quality, ripens early. Each 15c, per doz \$1.50.

GOOSEBERRIES

Plant four feet each way.

HOUGHTON—Small, well-known sort, red when ripe. Each 15c, per doz \$1.50.

Downing—Free from mildew of any American sort, double the size of Houghton, green delicious. Each 20c, per doz \$1.75.

Smith—About size of Downing and tastes a little better, also bears immensely, crop seldom hurt by mildew. Each 20c, per doz \$2.00.

Industry—Fruit very large and delicious, plant a good strong grower, fruit red when ripe. Each 25c, per doz \$2.50.



Strawberry.

STRAWBERRIES

We offer for sale the following varieties of well-rooted plants:

Wilson—Per 100 \$1.00.

Crescent—Very early. Per 100 \$1.00.

Bidwell—Large and handsome, very productive. Per 100 \$1.50.

Sharpless—Very large and delicious. Per 100 \$1.50.

Jessie—One of largest and most delicious. Per 100 \$1.50.

New and Valuable Varieties.

Parker Earle—An amazingly productive variety. Per 100 \$2.00.

Bubach—This berry combines great and uniform size, unsurpassed productiveness and good quality. Per 100 \$2.50.

Lovett's Early—Seedling of Crescent, very early, equals Wilson in firmness, double the size of Crescent and will yield double the quantity. Per 100 \$2.00.

Michel's Early—A prolific bearer; very early; an iron-clad in constitution. Per 100 \$2.25.

Haverland—A very vigorous grower; fruit large. Per 100 \$2.00.

Gandy—A large late berry firm and good; of sturdy growth. Per 100 \$2.00.

Warfield—A large-hearted generous berry. Per 100 \$2.00.

Williams—New, very promising, said to be firmer and more productive than even the "Wilson." Per 100 \$2.00.

Woolverton—Originated in Canada, thoroughly tested. Per 100 \$1.75.

RHUBARB ROOTS

Myatt's Linnaeus—Per root 20c, 3 for 50c, per doz \$1.75.

Victoria—Per root 20c, 3 for 50c, per doz \$1.75.

SEA KALE—Price for strong roots, 25c each, per doz \$2.50.

ASPARAGUS ROOTS—**Conover's Colossal**, the largest variety grown. Per 100 roots, 2 years old, \$1.50.

HOPS (*Humulus Lupulus*).—These roots are very hardy, withstanding heat, drought and insects remarkably; one of the most rapid growing ornamental climbers known; foliage dense. Strong roots. Each 25c, 5 for \$1.00. Hop sets for planting out, \$1.00 per 100, \$9.00 per 1,000.

IMPROVED DWARF ROCKY MOUNTAIN CHERRY

This rare cherry is a native of the Rocky Mountains; for preserves or to eat out of hand it has no equal in the line of pitted fruits. The plants are of bushy habit, growing from two to four feet high. It is entirely hardy and most desirable as an ornamental plant for the garden or lawn.

Extra strong 2-year-old plants, 35c. each; 3 for \$1.00.

Simmers' Vegetable and Flower Garden is a neat little book giving full and explicit directions how to grow Vegetables and Flowers, Price 15c.; or when asked for, free with every order for Vegetable or Flower seeds amounting to \$1 or more.

See our Premiums on Order Sheet.

INSECT DESTROYERS

FIR TREE OIL INSECTICIDE, SOLUBLE—Soluble insecticide, effectually destroying all kinds of pests to which plants are subject. Equally effective on animals, and is harmless to the skin and hands when used as a wash. Bottle, with full directions for its use; small size 25c, half pint 50c, pint 75c, quart \$1.50, half gallon \$2.75, gallon \$5.00.

TOBACCO SOAP—Makes an excellent wash for plants and trees infested with insects, and is particularly effective in killing green and black fly, aphides, turnip and cabbage fleas, rose slugs and bark lice. $\frac{1}{4}$ lb package 25c, by mail 30c; 1 lb package 50c, postpaid 60c.

WHALE OIL SOAP—Makes an excellent wash for trees and plants, kills insects and eggs on the bark. It is of immense importance for smearing on the trunks of trees to prevent crawling larva worms and bugs that do not fly from going up the trees by keeping them below a band of whale oil soap, where they are readily killed with kerosene emulsion. Per lb 25c, 5 lbs 50c, 5 lbs \$1.00. By mail add 5c per pound for postage.

LITTLE'S ANTIPEST; Readily Soluble in Water—This preparation is a sure destroyer of the Scale, Woolly Aphis and Insect pests of any or all descriptions. It may be freely used in the conservatory, garden and greenhouse, as in the orchard or vineyard. It mixes instantly with cold water in any proportion. It is safe, sure and cheap. Price—Per small bottle [with full directions] 25c, per small tin 50c, per large tin \$1.00.

TOBACCO CLOTH—This invaluable Insect Exterminator is very convenient for fumigating purposes, and takes the place of Tobacco Stems. Per lb 75c, 2 lbs \$1.25.

GISHURST COMPOUND—A patented English preparation, highly recommended for preventing and destroying Red Spider, Scale, Mealy Bug, Thrip, Green and Brown Fly, etc.; also for winter dressing, and washing walls, frames and sashes of greenhouses. Sold in boxes; price 50c and \$1.50 each. Directions and testimonials accompanying each box.

LEMON OIL—A new English preparation, said to be superior to Fir Tree Oil. Our experiments with it have been highly satisfactory. There is less danger in careless hands of injuring foliage, and it does not sour the soil. Price— $\frac{1}{2}$ pint 50c, pint 75c, quart \$1.50, $\frac{1}{2}$ gallon \$2.75, gallon \$5.00.

PURE DALMATIAN INSECT POWDER—It is a superior grade of our own importation, ground from half open flowers. It is so fine it penetrates hidden crevices when blown with a gun or bellows, and many cabbage growers say it is the only effectual remedy for the cabbage worm. Price— $\frac{1}{4}$ lb 25c; per lb 60c, or by mail 65c.

LONDON PURPLE; High Grade—When applied in a liquid form, 1 lb to 200 gallons, or a teaspoonful to a pail of water, is sufficient. It should be mixed into a thin paste first, to prevent it from forming lumps. Per lbs 20c, or by mail 25c; 10-lb lots, by express, \$1.75.

FLOUR OF SULPHUR—For the prevention and destruction of mildew on plants, blow it over and through the foliage when the dew is on or after a thorough syringing. Price—Per lb 10c, per 10 lbs 50c, per 100 lbs \$4.00. If wanted by mail, add 5c per lb for postage.

Genuine Pure Paris Green—Securely put up in boxes. Price—Per lb 30c, per 5 lbs \$1.25.

HAMMOND'S THRIP JUICE—Death to Mealy Bugs and Scale, which infest roses. $\frac{1}{4}$ pint tins 30c, pint 50c, quart 75c.

FOSTITE

No More Crop Failures, or Facts of Fostite—Acknowledged the best preventative and cure against mildew, black rot, leaf blight rust, etc., on grapes, fruits, vegetables and plants. Cheaper and more easily applied than any other mixture. Fostite your plants early in the season to prevent mildew. Price—Per box of 5 lbs 70c, 25 lbs \$2.50, 50 lbs \$4.50, 100 lbs \$8.00.

HAMMOND'S SLUG SHOT

SLUG SHOT—A non-poisonous powder, and a very popular insecticide. It requires no further mixing or preparation. Easily applied and not injurious or dangerous to animals, the person applying it, or fruits and vegetables treated. Very effective in destroying potato bugs and beetles, green and black flies, slugs, worms, caterpillars, etc. Apply with duster, bellows or gun. Ten to 40 lbs are sufficient for an acre. For further information send for our little book on Slug Shot. Price—Per lb 10c, add 4c if wanted per post; 5 lbs 35c, 10 lbs 60c, 100 lbs \$5.00; large lots, price on application.

HAMMOND'S GRAPE DUST

Is a preparation to kill the destructive mildew that strikes the grape vine, affecting leaves, fruit and stems in unfavorable seasons, and some varieties more than others. Put up in 5 and 10-lb packages with full directions for use. Per lb 10c.

EUREKA FUMIGATOR

(Galvanized)

12 inches diameter at top 5 inches, holds one-half peck of tobacco stems, price \$2.00; smaller size, \$1.75; smallest size, \$1.50. We also offer a larger-sized fumigator than any of the above for \$2.50.



Success Brass Spray Pump

THE "SUCCESS" BRASS SPRAY PUMP

With Bucket Foot Rest
Indestructible Bronze Ball Valves

The annexed cut represents a new and excellent pump for use in gardens, vineyards, greenhouses and orchards, for washing windows and buggies; also for spraying poultry houses with whitewash. The working parts are all brass, and bucket foot rest is made of malleable iron. Nothing could be simpler and more durable than this pump. It has large air chamber space and is double-acting, throwing an absolutely continuous stream, either solid or in fine spray.

The end of hose connecting to pump is coiled with brass spring wire, adding largely to its durability. This pump is rightly named, and as a leader for general use it cannot be beaten. "Nothing succeeds like 'Success.'" The "Bordeaux" Nozzle, the best combination Spraying Nozzle on earth, is furnished with "Success" Pumps. This Nozzle throws a solid stream, fine or double spray (adjustable), and is easily degorged, or may be shut off altogether, features possessed by no other Spray Nozzle.

PRICE—"Success" Brass Spray Pump, with "Bordeaux" Nozzle, with directions for spraying, \$4.50. Seven-foot section of hose and couplings, with pole connection, for "Success" Pump, \$3.50 extra.

IDEAL SPRAY PUMP

PRICES—Iron Pump, without Agitator, but with 7 ft. $\frac{3}{4}$ in. Iron Suction Pipe and 1 Nozzle (either Boss, Vermorel or McGowan) \$ 9 00
Pump, with Brass working parts without Agitator, same fittings..... 11 00
Agitator extra..... 0 75

THE DEMING SPRAY PUMP

With Mechanical Agitator.

Adjustable Base and Brass Working Parts.

FIG 550.



(Barrel not furnished with Pump. Cut shows outfit "BB.")

SIZES AND PRICES

Fig. 550	Spray Pump only with 1 inch Suction Pipe to reach bottom of Barrel. Double Discharge Y for one or two sections of hose.	\$9.00
Outfit B	Fig. 550 Spray Pump with 5 feet of $\frac{1}{2}$ in. 3-ply hose, with one new Bordeaux Spray Nozzle. Has Double Discharge Y. Extra section of hose can be added any time.	\$11.50
Outfit BB	Fig. 550 Spray Pump with 12 $\frac{1}{2}$ feet of $\frac{1}{2}$ in. 3-ply hose, with Bordeaux Nozzle and Pole Connection. Has Double Discharge Y as described above.	\$13.50
Outfit CC	Fig. 550 Spray Pump with two 12 $\frac{1}{2}$ feet sections of $\frac{1}{2}$ in. hose, Bordeaux Nozzle and Pole Connections. Has Double Discharge Y as described above.	\$18.00

"I.X.L." AUTOMATIC SPRAY AND FORCE PUMP

It is made of nicked brass, galvanized iron tubing, brass springs, with strainer on top, and with the sprays that go with it warrant us in claiming that it is what has long been needed for spraying purposes. It will pump from the pail or will carry the material to be used, and will throw a stream of 25 feet. Price each, \$2.75; postpaid, \$3.

BRASS BUCKET SPRAY PUMP WITH ACITATOR

(Myers' Patent)

Differs in construction from old pumps of this class; the heavy work is on down stroke of the plunger and nothing on the up. The effect of this is to hold the pump down, and it is not necessary to use a foot rest or in any way steady the pump while in operation. Price, \$5.00.

Myers' Bucket Spray Pump, with Lever, price \$7.00.

We also keep in stock the following reliable and useful Garden and Greenhouse Pumps:

Aquarius, complete, each..... \$6 50
Aquapult, complete, each..... 6 00

Tree Spraying Outfit

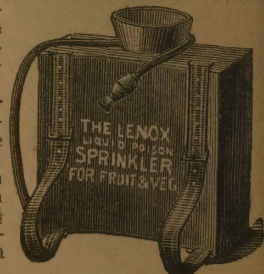
Knapsack Sprayer—

Made of the best Galvanized Tin, will not rust, and is just what is required for ordinary use, being efficient and reasonable in price. The straps are adjustable, and it has an agitator easily worked with left hand for stirring mixture. No waste whatever. Less water, less poison, less labor, for every drop tells, and is put just where you want it. It is the most economical and perfect working apparatus in the market and we can confidently recommend it to our customers. Price each, \$4.00.

Bucket Spray Pump (Brass)

Rose and Rubber Valve—For long distances when the expressage on above Sprayers would cost too much, we can furnish our Rose with valve and bulb, with 2 $\frac{1}{2}$ feet of tubing, with connection, ready to attach to any pail.

Price each, \$2.50.



J. A. SIMMERS'

A vertical arrangement of six different types of knives. From top to bottom: 1. A straight razor with a curved blade and a dark handle. 2. A cut-throat razor with a curved blade and a dark handle. 3. A straight razor with a curved blade and a dark handle. 4. A straight razor with a curved blade and a dark handle. 5. A straight razor with a curved blade and a dark handle. 6. A straight razor with a curved blade and a dark handle.

Budding Knives.
Price, \$1.00 to \$1.50 each.

[illegible]

Cleves Frowel. Price, 25c, postpaid.

Hazeltine Weeder. 30c.

Avery Transplanter.

Grape Trimming Shears \$1.00.

Half Moon Edging Knife, of the best make. \$1, with handle \$1.15

Border or Grass Shears. Price \$2.50.

Flower
Presenting
Shears.

Price, \$1.50.

THE PENNSYLVANIA HAND LAWN MOWERS

The Latest Improved, Easiest Running, and Handsomest Mowers Made. Circulars on Application.

In buying the **Pennsylvania** you have satisfaction in knowing you have a Lawn Mower that will do double the work each season with less repair, and have a Lawn Mower for future use when others are consigned to the old iron pile. Each machine is warranted to work as represented.

Prices of the Pennsylvania Lawn Mower:

10 inch, 8 inch driving wheel, for a child to work	\$ 9 50
12 " " " " " lad " "	10 50
14 " " " " " lady " "	11 00
16 " " " " " man " "	12 50
18 " " " " " man " "	14 00

The **Pennsylvania High Wheel Lawn Mowers**, 15 inch, 10½ inch driving wheel, \$15; 17 inch, 10½ inch driving wheel, \$17; 19 inch, 10½ inch driving wheel, \$19.

Plant Protecting Cloth

Or Waterproof Fibre, specially prepared to prevent mildewing and rotting; valuable for forwarding and protecting early plants from frost; covering hot-beds and frames in spring, in lieu of glass (after excessive freezing weather is over), and for throwing over bedding plants at night in fall, at one-tenth the cost of glass.

Prices of PROTECTING CLOTH

(Pieces contain about 50 yards.)

Heavy Grade—Per yard, 15c; by the piece, 14c per yard.
Medium Grade (best for general purposes)—Per yd., 11c; by piece, yd 10c.
Light Grade—Per yard, 7c; by piece, per yard, 6c.
 (Samples and circular mailed on application.)

MASTICA

For Glazing Greenhouses — New or old.

Elastic, Adhesive, Easy to Apply.
 Price per gallon, \$1.35. Price per ½ gallon, 75c.
 Price per quart, 50c.

WIRE FLOWER STANDS

These we carry in stock of various shapes and sizes, 30 inches in diameter \$3.50; 36 inches in diameter, \$4.00 each; 42 inches in diameter, \$4.50 each.

LAWN ROLLERS

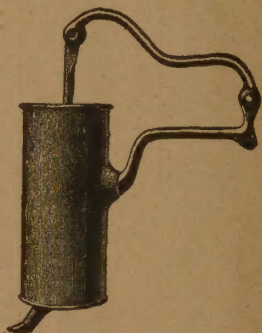
Wrought Iron, Garden, Lawn and Field Rollers.

These Rollers are all made of the best wrought iron. Price, \$14.00.

GOLDMAN PLANT SPRINKLER

Price, 50c each, postpaid. Extra balls, 25c each.

Mastica Glazing Machine. Price \$1.50.

**Woodason's Patent Insect Exterminator Bellows**

Blows Paris Green, Hellebore, Dalmation Insect Powder, Sulphur, Slack Lime, Slug Shot, etc., etc.

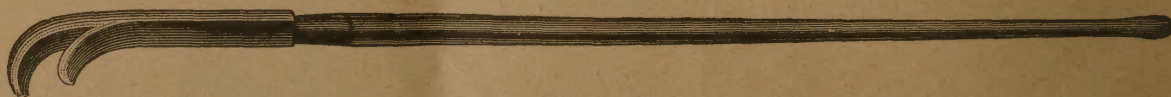
These Liquid and Powder Sprayers have carried the First Prize wherever exhibited.

Patent Double Cone Bellows, \$4.00.
 Large Single Cone Bellows, \$3.00.
 Liquid Spraying Bellows, \$3.00. Small Single Cone Insect Powder Bellows, for house use, \$1.25.

JOOTSEN'S MAGAZINE BELLOWES

Small Bellows (Style No. A) for the greenhouse and small farms, \$4.50. Large Bellows (Style No. B) for the Vineyard, to be strapped to the body, \$7.50.

For Cutting, Clipping and Clawing out Berry Canes, Dead Wood, Briers, Tree Spouts. Price \$1.50.

**EARTHENWARE, FLOWER POTS, TREE POTS, SEED PANS AND HANGING BASKETS.**

The measurement is from outside to outside. Packing charged extra, when ordered to be shipped a distance from Toronto. Pots are carefully packed, but we do not assume any risk of breakage.

FLOWER POTS				SAUCERS.		TREE POTS				SAUCERS.		ROUND SEED PANS		H'ING BASKET	
Size.	Inches.	Per doz	Per 100	Per doz	Per 100	Size.	Inch.	Each	Per 100	Each	Per 100	Size—Inch	Each	Size	Each
Thumbs.....		\$0 15	\$1 00	....	....	2 gals. 12		\$0 40	\$35 00	\$0 20	\$18 00	7		Small..	\$0 15
Small Verbea 3½		20	1 20	....	....	3 " 14		50	40 00	25	22 00	8		Size 3...	
Large " 4		25	1 50	....	....	4 " 16		60	50 00	30	25 00	9		Medium.	25
Half Pints. 4½		25	2 00	\$0 15	....	5 " 17		90	....	....	....	11		Size 2..	
Pints 5		40	2 50	25	....	6 " 18		1 00	....	50	45 00	12		Large...	40
Quarts 6		50	3 75	20	\$2 25	8 " "		1 50	....	....	....	13		Size 1..	
Half Gallons... 8	1 00	7 00	50	3 50	....	....		....	....	....	....	14	40	....	....
Gallons. 10	1 75	14 00	90	7 50	....			....	....	....	....	16	50	....	....

Special prices on application for larger quantities than those quoted

CANADIAN HIGH WHEEL LAWN MOWER

12 inch, \$6.25; 14 inch, \$7.00; 16 inch, \$7.50; 18 inch, \$8.00.

CANADIAN LAWN MOWERS

12 inch, \$4.50; 14 inch, \$5.00; 16 inch, \$5.50; 18 inch, \$6.00.

CONTINENTAL LAWN MOWERS

Circulars on application.

It is the lightest running, swiftest cutting, and almost noiseless. We have no hesitation in recommending this machine as the "Very Best."
Price—14 inch, \$11.00; 16 inch, \$12.50; 18 inch, \$14.00. Special machines for high grass—15 inch, \$15.00; 17 inch, \$17.00; 19 inch, \$19.00.



The Gibbs' Lawn Rake—Price, \$1. A splendid article for raking up dead leaves, or grass on lawns after being cut with a lawn mower or scythe.

RUBBER PLANT SPRINKLERS—(The Best in Use.)

No. 1, \$1.25. No. 2, \$1.25. No. 3, \$1.00. No. 4, 75c.

STOP YOUR GLASS FROM SLIDING

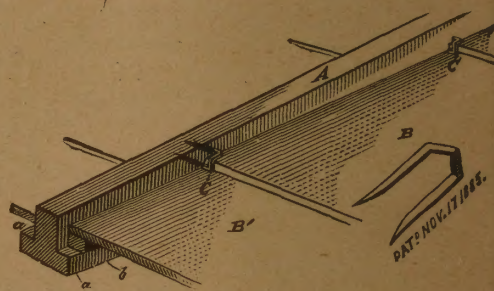
BY USING

The Van Reyper Perfect Glaziers' Points

Made of Steel Wire and Galvanized.

No rights and lefts.

Price 75c per 1000.
 80c postpaid.



Flower Vases—Iron and Terra Cotta. Varying in price from \$3 each to \$50. Write for description.

Garden and Farm Implements

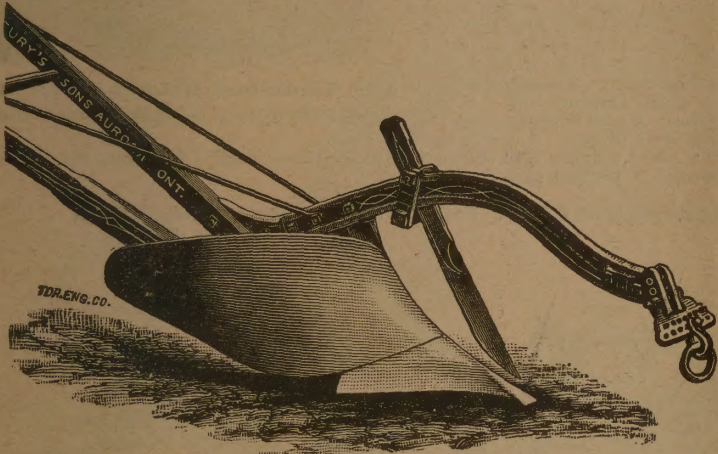
Grass Scythes , Rivet Each.	
Back and others.....	\$0 75 to \$1 40
Cradle Scythes , all kinds and lengths.....	1 10 to 1 40
Grain Cradles , all kinds.....	1 50
Scythe Stones	0 10 to 0 15
Scythe Snathes	0 50 to 0 85
Hay Racks , wire bow and wooden bow.....	1 10 to 1 25
Hay Forks , 2 prong.....	0 40 to 0 60
3 ".....	0 60 to 0 80
Straw Forks , 3 prong.....	0 75 to 1 20
Barley Forks , 4 ".....	1 00 to 1 50
wood.....	0 75
Manure Forks , 4 prong.....	0 85 to 1 20
Manure Forks , 5 prong.....	1 10 to 1 25

Manure Forks , 6 prong.....	Each.	\$1 25 to \$1 35
Spading Forks , 4 prong.....		1 00 to 1 20
Potato Forks , 4 prong.....		0 85 to 1 25
Turnip Hoes		0 55 to 0 70
Fiend Hoes		0 35 to 0 65
Thistle Spuds		0 40
Reaping Hooks		0 50
Vegetable Scoops		1 20
Grain Scoops		1 00 to 1 50
Spades , in variety.....		0 75 to 1 50
Shovels , in variety.....		0 90 to 1 30
Fork and Hoe Handles , in variety.....		0 15 to 0 40

Plow Lines, Cotton Bags, Linen Bags, Etc.

Draining Spades, 18, 20 and 22 inch.....Each \$2.50

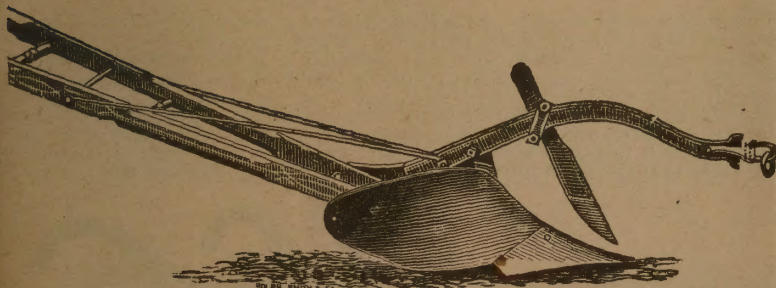
Sod or General Purpose Plow—No. 13



FLEURY PLOWS.

A general purpose plow, very light in draught. It gives particularly good satisfaction in summer fallow and stubble. Next greatest to the No. 21 in demand in Ontario, and in many places securing the whole trade. It is a growing favorite. Cuts a furrow 7 to 10 inches. Price, No. 13 Plow, \$12.00, Cash. No. 8 Plow, \$12.00, Cash. No. 12 Plow, \$12.00, Cash. No. 21 Plow, \$12.00, Cash.

One-Horse Plow—No. 15—Unexcelled as a Garden Plow



A one-horse or garden plow that cuts the width it turns, and turns a furrow properly. Most one-horse plows are only two-horse plows shortened up, and spoiled for real plowing. This one is a plow—light but strong. Price, Cash, \$10.00.

Fleury's Celebrated Root Pulper . Best in the world..	Price \$11 50
Fleury's Straw and Enslage Cutter ..	" 14 00
Fleury's Farm Wheelbarrow	" 4 50
Emperor Potato Digger	" 9 00

WILKINSON PLOWS

We can supply the following desirable "Standard" Plows, manufactured near Toronto, of the best material (regardless of cost), by the Wilkinson Plow Co.

One-horse Plow, \$10.00. **No. 3, I. X. L.**, \$13.50. **No. 7**, \$14.00. **No. 30**, \$13.50.

The Clipper Grain and Seed Cleaner

No. 1—For farmer's general use.....	\$25 00
No. 2—Hand mill of large capacity.....	35 00

Wrought Iron Harrows

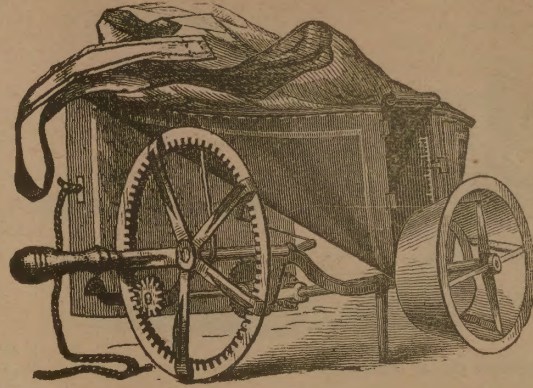
Garden Harrows , in two sections.....	\$12 00
Farm Harrows , in three sections.....	16 00

The "Essex" Corn and Bean Planter

It will pay for itself in two days' use. Plants regularly, and the seed being always deposited in moist earth, comes up quicker. Simple, cheap and durable. Improved with a bolt through the connecting plates, making it the best and cheapest corn planter in the Dominion. Price, \$1.50.

CAHOON'S PATENT BROADCAST SEED SOWER

Will sow perfectly Wheat, Oats, Peas, Barley, Rye, Buckwheat, Grass Seed, etc. This machine, at a common walking gait, sows from 4 to 8 acres per hour. The acknowledged superiority of this machine over all others has already placed it in the front rank of labor-saving implements.



A saving of four-fifths of the labor and one-third of the seed used in hand sowing is effected by using these machines. A person entirely unused to sowing by hand can use this Broadcast Seeder with perfect success. They are substantially built, and with ordinary care, will last many years, and save their cost in less time than any other farm implement yet introduced. Directions for using and gauging are furnished with each machine. Price, \$5.00.

"Little Giant" Seed Sowers

"THE LITTLE GIANTS" possess all the desirable features of a good sower. The two are described by being the lightest and easiest running and best sowing machines made.

The pressed tin wheel is the strongest wheel made, and is equalled by none in its work. The stirrer is the smallest and the most effective feed placed in any machine. It does not require seed to be cleaned and will sow orchard and blue grass.

They will throw flax and clover seed 36 feet to the round, wheat 50 feet, timothy seed 28 feet, oats 6 feet.

"LITTLE GIANT" No. 1 is the original. Price, \$2.50, postpaid.

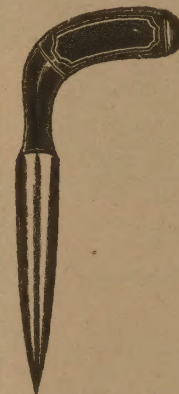
"LITTLE GIANT" No. 3 is geared. It contains all the features of the original Little Giant but is operated by a crank instead of a bow. The gearing on this machine is the lightest that mechanical ingenuity can devise and makes it of the highest grade. Price, \$3, or postpaid \$3.25.



"Little Giant," No. 3

Improved Horse Turnip Seed Drill

This Drill is claimed to be the best Horse Seed Drill in the market. The rollers are made of cast iron, and are hollowed to fit on the rows. They slide along the axle and will adjust themselves to any inequalities in the width of rows. Price, \$14.



The
Rochester
Improved
Transplanting
Dibbler.

Price 35c. each.



EXGELSIO
Corn Husker

Thoroughly Durable and will Last a Life-time.

The Latest and Best.

Constructed on Correct Principles and Bound to Fit.

The Husker is Made of Malleable Iron, is Light, Tasty, and Fits Either Hand.

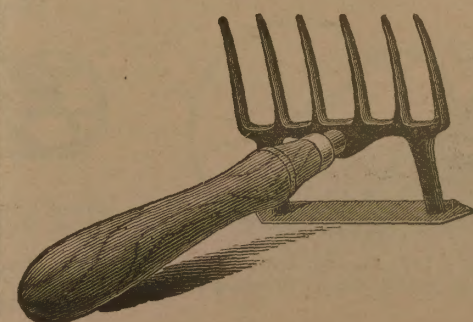
PRICE 15 CENTS.

THE
COMBINATION WEEDER.

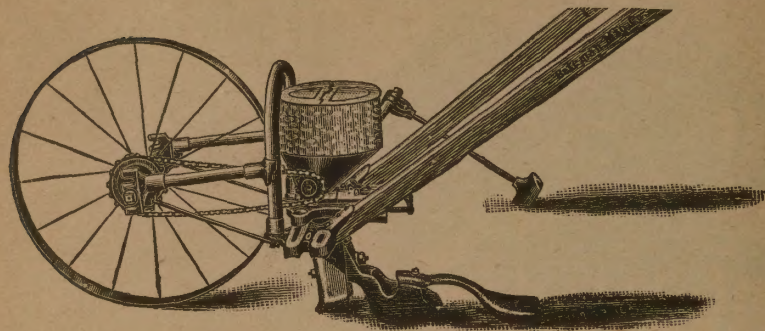
THE LATEST
THE SIMPLEST
THE BEST

Equalled by None.
Superior to All.

PRICE 30 CENTS EACH,
35c. POSTPAID.



"Iron Age" Garden Implements.



Shown as a Seed Drill.

The "IRON AGE,"

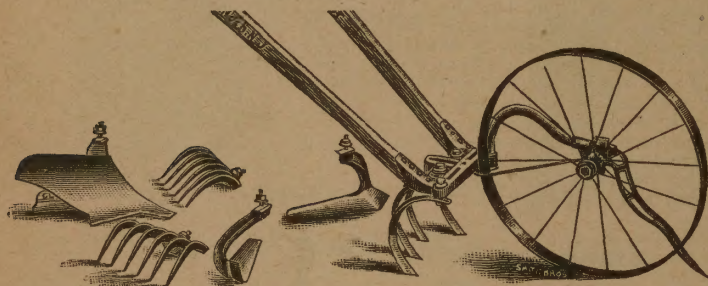
SEED DRILL, WHEEL HOE, CULTIVATOR, RAKE AND PLOW COMBINED.

This machine is the most popular combined garden tool known, and its friends have been gained by substantial merit alone. As a seed sower it is similar in construction with our famous Model Seed Drill except in size, and has all of its merits, its strength, durability, ease of operation and perfection of work. The Seed Drill Attachment is simple, easily attached, but does the work "just right."

Price complete, \$11. Price as a Seed Drill only, \$8.

The "IRON AGE"

SINGLE WHEEL HOE, CULTIVATOR, RAKE AND PLOW COMBINED.



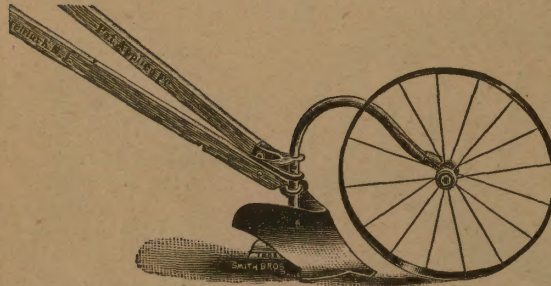
The "Iron Age" Single Wheel Hoe is the most comprehensive pattern having a full list of attachments, all excellent in form and size, making the tool a practical and capital machine. The attachments are nearly identical with those of the Double Wheel Hoe. In use the tool is lighter, and where time is not an object, the work done is fully equal to that of the Double. It is necessary to go down one side of the row and back on the other to save the most hand labor, and this is a longer task than when done both sides at once; but the work is lighter and sometimes as rapid. However, to partly obtain the advantages of the double tool, we arrange the Single Wheel Hoe, so that the wheel may be set to one side of the row, and thus work plants when small, both sides at once. A leaf guard accompanies the tool and is often useful.

Simple, strong, but very, very light in weight. It is a pleasure to use it—it requires so little labor. No garden complete without it.

Price complete, \$5.50.

The "IRON AGE"

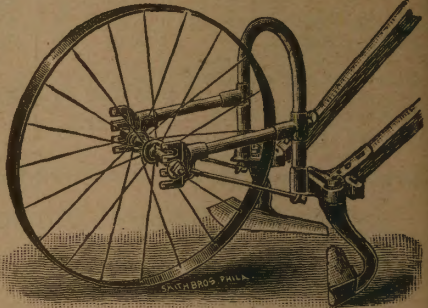
WHEEL PLOW.



A featherweight indeed, but it is fun for the boys to see the furrow it turns over with so little labor. It almost runs alone. **Price \$2.50.**

The "IRON AGE"

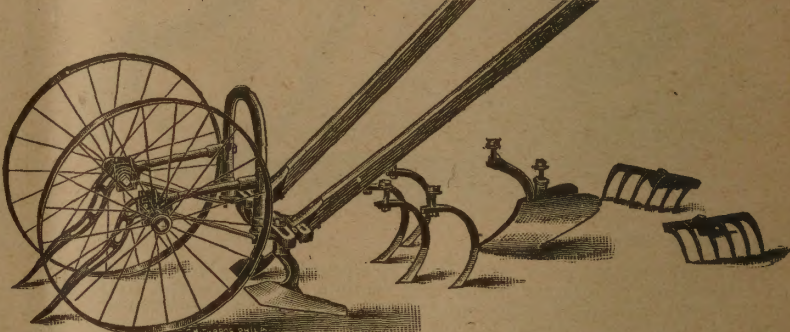
DOUBLE WHEEL HOE, CULTIVATOR, RAKE AND PLOW COMBINED.



The Combined Double Wheel Hoe [adjusted as a Single Wheel Hoe]

Double Wheel Hoes have an advantage over Single, from the fact that they are better for hoeing both sides of a row at once. With the Double Wheel Hoe this is done with such closeness, accuracy, ease and speed as to be really marvellous. The "Iron Age" Double Wheel Hoes are so made, however, that one wheel can be removed (as shown in illustration), and the tool used as a Single Wheel Hoe, for working between plants to tall to be "straddled," so that they combine the advantages of both Double and Single Wheel Hoes. A tool representing the latest and best ideas. Bicycle construction; steel wheels and tubular frame; exceedingly light but also exceedingly strong. A perfect tool.

Price complete \$7.50. Price with side hoes only, \$4.50.



"Iron Age" Double Wheel Hoe, Rake and Plow Combined.

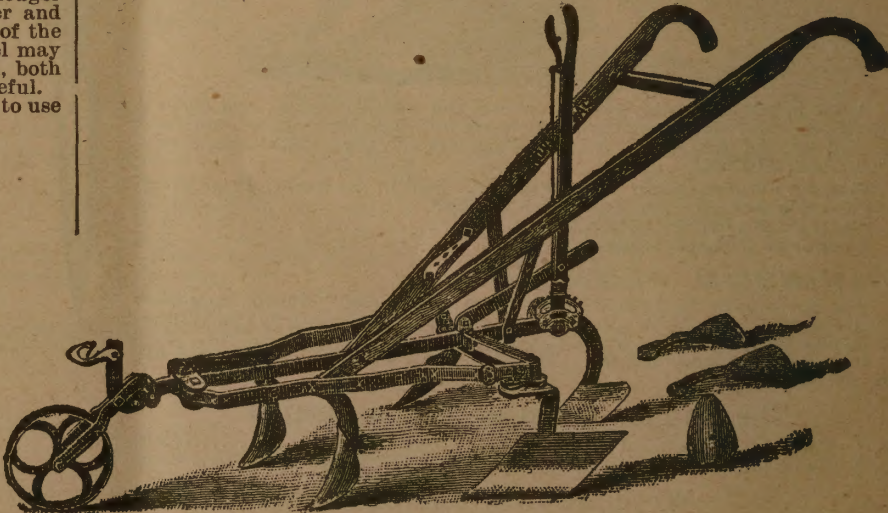
The "IRON AGE" Horse Hoe

Shown with Wheel and Cultivator Combination.

As made at present there is no Cultivator in use so completely adapted to the various needs of the farmer, particularly the "truck" grower.

With seven narrow teeth it cannot be equalled as a thorough pulverizer of the soil, and is quickly changed to any of its combinations. With or without Lever Adjustment or Wheel.

We claim this tool to be the strongest, steadiest horse hoe made; hoe standards are very heavy solid steel, adjustable in both pitch and angle of cut, adjustment of width instantly made, steady and smooth in its operation, the only level adjuster that does not impair the stiffness of the tool. **Price \$9.**



The "Iron Age" Horse Hoe. Price \$9.00.

- IRON AGE CULTIVATOR**, Plain, with wheel, \$7.00; without wheel \$6.00
- IRON AGE CULTIVATOR**, with Five Teeth, Plain, \$7.00 with wheel, \$8.25; with lever and wheel, \$9.00.
- IRON AGE Combined Harrow and Cultivator**, Plain, \$7.50; with lever, \$8.25 with wheel, \$1.00 extra; Sweep Attachment, \$1.25 extra.
- IRON AGE Riding Cultivator**, Price, \$32.00.

The "New Model" Seed Drill

ITS FEATURES :

Perfect Index

Instantaneous Cut-off

Adjustable Marker

Broad Wheel

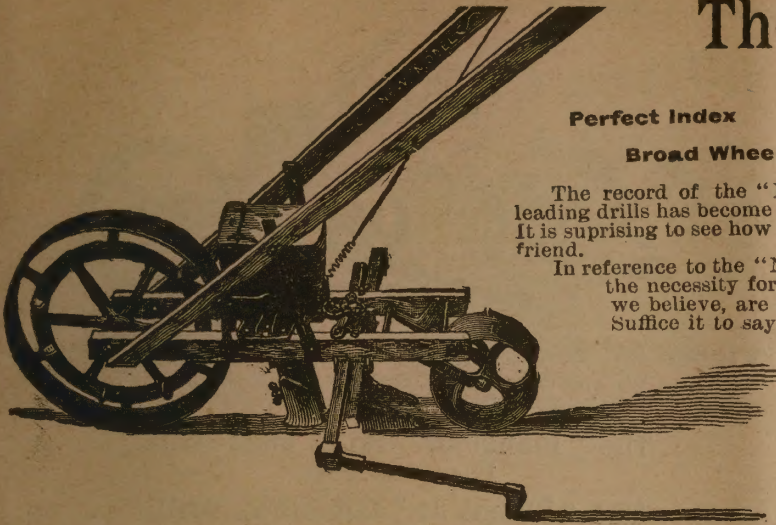
Steel Opening Plow

Adjustable Handles

The record of the "New Model" has been so entirely satisfactory, and its place as one of the leading drills has become so firmly established that we are almost tempted to discard the word "New." It is surprising to see how quickly it has been adopted by the seedsmen and market gardeners as an old friend.

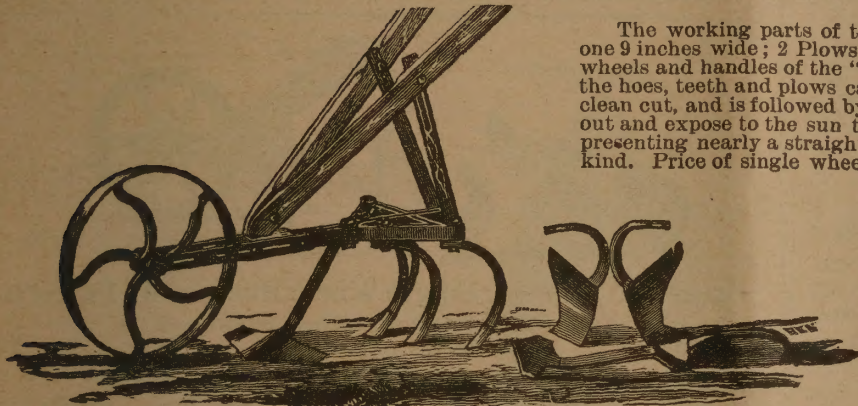
In reference to the "New Model" Drill, we do not think it necessary to enter into a discussion about the necessity for and economy in the use of Seed Drills. Farmers and gardeners generally, we believe, are now well enough posted to understand and fully appreciate all these points. Suffice it to say that the "New Model" is the result of careful experimenting in the field and factory, in close comparison with leading drills, and being constructed with the view of avoiding all radical defects of said drills, built in a workmanlike manner, of best material and in neat style and finish, we venture to assert it will be found to be the best seed drill in use and indeed a model in every respect.

Each drill crated and carefully packed for shipment. Packed weight about 40 lbs. **Price \$8.**



"GEM" SINGLE WHEEL HOE. \$6.00

The working parts of the Single Wheel "Gem" are: 2 Scuffle or Cutting Blades, one 4½ and one 9 inches wide; 2 Plows, right and left hand; 5 Stirring Teeth; all made of best steel. The wheels and handles of the "Gem" are both adjustable in height, while the frame is so slotted that the hoes, teeth and plows can be set in almost any position or angle. The Scuffle Hoe makes a clean cut, and is followed by the teeth—five or less—which thoroughly pulverizes the soil, and drag out and expose to the sun the roots of the weeds cut by the hoes. The hoes, of thin steel, and presenting nearly a straight line to the work, avoid the "dodging," so common to tools of this kind. Price of single wheel machine with all parts. **Price \$6.**



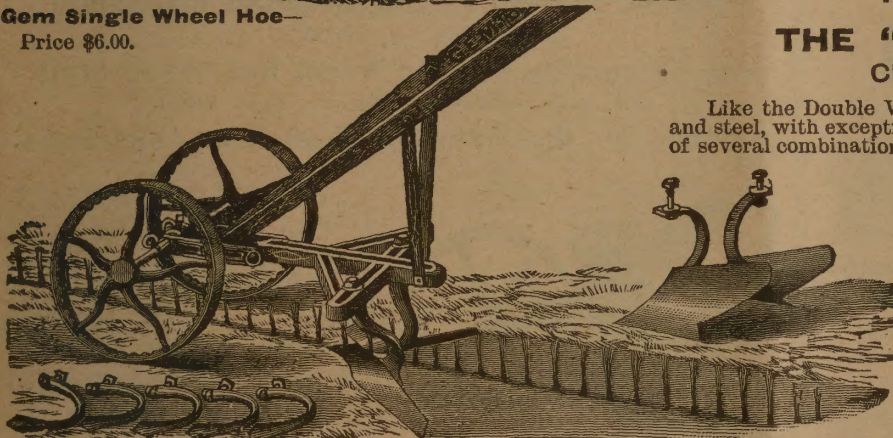
Gem Single Wheel Hoe—
Price \$6.00.

"GEM" DOUBLE AND SINGLE WHEEL HOE COMBINED. \$7.00

This has in addition to the Single Wheel Hoe sold at \$6.00, the Double Wheel Attachment and two extra Steel Blades, which we furnish with the Single Wheel, including all parts shown in the engraving, for \$7.00. The Double Wheel Attachment, with these extra blades, is of great service, working both sides of the rows among young plants. Ask your dealer for the "Gem," and take no other. **Price \$7.**

THE "JEWEL" SINGLE WHEEL HOE CULTIVATOR AND PLOW COMBINED

Like the Double Wheel "Jewel," this tool is constructed entirely of malleable iron and steel, with exception of wheel and handle. As plainly shown by the cuts, it is capable of several combinations, a simple, very easy working scuffle hoe, with hoes of six and nine inches in length; as a cultivator, with four steel teeth; or as a large sized Wheel Plow. The "Jewel" is adjustable in every way, thoroughly well made and finished, and is, we believe, the lightest and strongest of its kind made. **Price complete, \$6.50.**



Gem Double Wheel Hoe. Price \$7.00

THE "JEWEL" DOUBLE WHEEL HOE CULTIVATOR AND PLOW COMBINED

The entire frame of the "Jewel" Hoe is made of the best malleable iron, making an exceedingly light tool and one pleasant to handle, at the same time giving an almost absolute security against breakages.

The "Jewel" is capable of being quickly adjusted in depth or width of working of handles. As shown in the cut it is provided with four slender stirring teeth, each one made of one piece of steel, unexcelled for through work, especially in hard soil; one pair of side hoes, particularly intended, for use among small plants; also a pair of plows for throwing to or from the row, or for opening furrows. The standards of these hoes and plows are of malleable and wrought iron—no cast iron.

The "Jewel" Double Wheel Hoes are carefully made, handsomely finished, and weigh about 22 lbs. each, complete. **Price \$7.50.**

THE "JEWEL" WHEEL PLOW

Malleable Iron Frame, Light and Strong. **Price \$2.50.**

Weight only 10 pounds.

Adjustable in depth of working, and height of handle.

As a Wheel Garden Plow, we are confident none can be found to excel or equal it. **Carefully Boxed.**



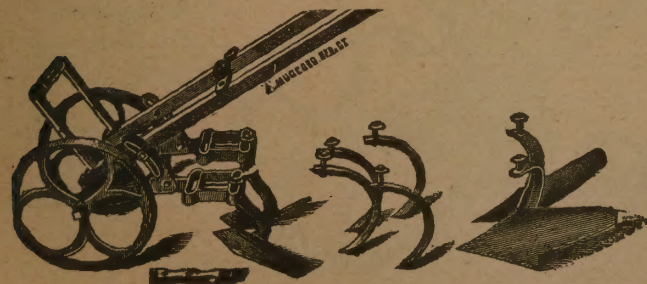
Jewel Single Wheel Hoe—Price complete, \$6.50. Weight complete, 15 lbs.

The Old Style Hoe is a Thing of the Past.

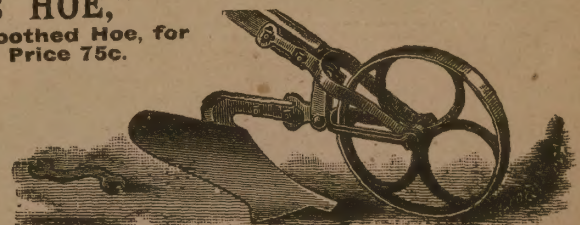
THE "SUPERB HOE,"

A Triangular, Concaved, Toothed Hoe, for Field or Garden Use. **Price 75c.**

We are sole agents for these goods and carry a large stock, thus enabling us to fill orders at the shortest possible notice.



The Jewel Double Wheel Hoe—Price \$7.50.

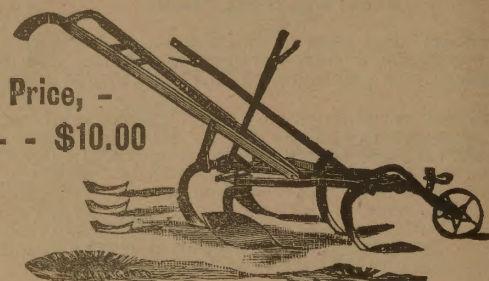


Jewel Wheel Plow—Weighs only 10 lbs. Price \$2.50.

The "PLANET JR." Garden Implements

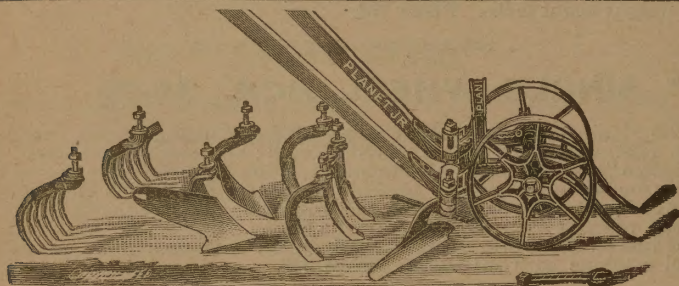
The "THE PLANET JR." GOODS are widely and favorably known everywhere, the **Combined Planet Drill** being one of the most popular machines in the market. The entire line is well made, handsomely finished, and their **Cultivators** are second to none in popularity. Toronto is a great distributing centre for these as well as other tools and we have supplied the "Planet Jr." Goods to numbers of gardens east and west.

"Planet Jr." No. 6,
Horse Hoe and
Cultivator.
(Complete)



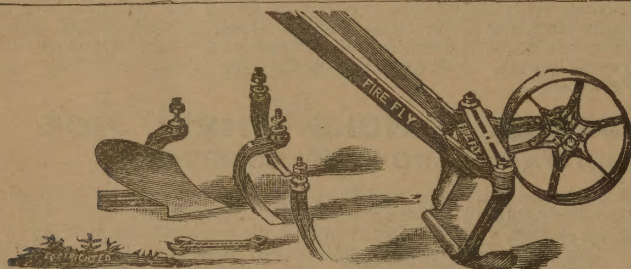
Price, -
- - \$10.00

Price, with wheel and all
improvements, as
shown in illustration,
\$10.00.



The "Planet Jr." Double Wheel Hoe.
Cultivator, Rake and Plow Combined. Price, boxed, \$7.50.

Plain Double Wheel Hoe.
Price, boxed, \$1.50.



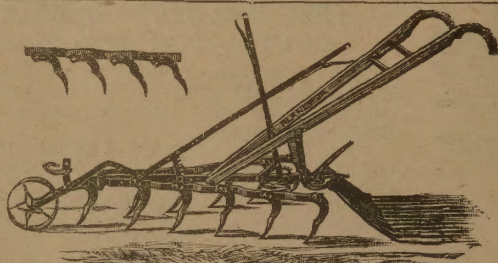
The "Fire-Fly" Single Wheel Hoe.
Cultivator and Plow Combined. Price, boxed, \$4.75.

"Planet Jr."
Twelve Tooth
Harrow.

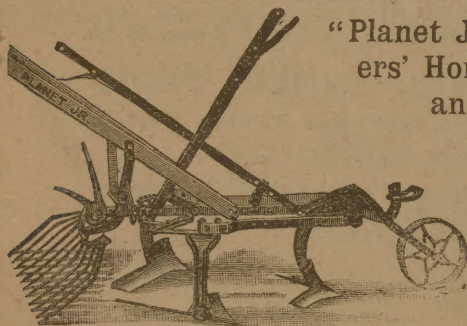
Cultivator and Pul-
verizer Combined.

Price, \$11.00.

Same without Pulverizer
\$9.50.



"Planet Jr." Market Garden-
ers' Horse Hoe, Pulverizer
and Cultivator
Combined.



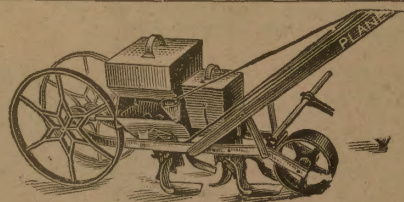
Horse Hoe and
Pulverizer.

Price, complete, - \$12.50
Without Pulverizer, \$10.50

Weight, packed, 55 lbs.

The "Planet Jr."
Combined Hill Drop-
ping and Fertilizer
Drill.

Weight, packed, 60 lbs. \$18.50.



"Planet Jr." No. 4, Combined Hill Dropping Seeder,
And Single Wheel Hoe, Cultivator, Rake and Plow.
Complete, \$12.00. As a drill only, \$8.50.

The "Planet Jr." No. 2 Seed Drill.
Price, boxed, \$8.00.

The "Planet Jr." Combined Drill.
Wheel Hoe, Cultivator, Rake and Plow. Price, boxed, \$11.00.



"Planet Jr." No. 15, Single Wheel Hoe—1897 Pattern.
Cultivator, Rake and Plow Combined.

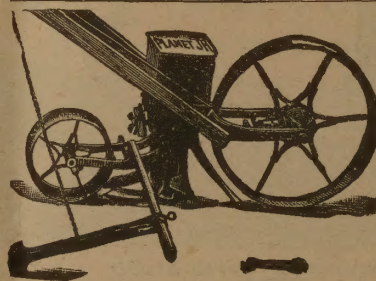
Price, boxed, \$7.50.

Same as above without Rakes and leaf guard, \$6.25.

"Planet Jr." No. 15, Single Wheel Hoe—Plain.
Price, - - \$5.00.

The "Planet Jr." Single Wheel Hoe—1896 Style.
Cultivator, Rake and Plow. Price, \$5.50.

"Planet Jr." Plain Single Wheel Hoe—1896 Style.
Price, - - - - \$3.50.



"Planet Jr." Irish
Potato Digger.

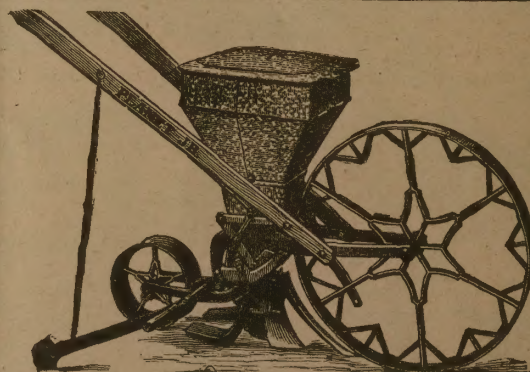
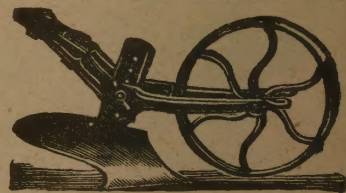
Price, - - - - \$22.00.

"Planet Jr." No. 3, Hill
Dropping Seeder.

Sows either in hills or continuous row
Price, - - - - \$11.00.

The "Fire-Fly" Wheel
Garden Plow.

Price, - - - \$2.50.



"Planet Jr."
No. 5, Market
Gardeners'
Hill Dropping
Seeder (new).
Price, \$14.00.

"Planet Jr."
Fertilizer and
Pea Drill.

Price, - - \$14.00.

Lambert's Death to Lice.

Wilson's No. 2 Hand Mill without legs	\$12 00
" " 4 " " with " 	15 00
" " 2½ Farm Grist Mill	25 00

SPRATTS PATENT LIMITED

We are Agents for all Spratts Manufactures and Supplies

Carriage paid by Customers, except where noted. Spratts Descriptive Catalogue mailed free on application.

SPRATTS DOG CAKES

We caution all who order Spratts Dog Cakes to particularly observe that every cake is stamped with "Spratts Patent" and an X.

Patent Meat "Fibrine" Vegetable Dog Cakes (with Beetroot)—These celebrated cakes are supplied to all leading kennels, and are used at the principal Dog Shows all over the world. Per 100 lbs \$7, 50 lbs \$3.50, 25 lbs \$1.75, 10 lbs 75c, 5 lbs 40c, 3 lbs 25c.

Patent Charcoal Dog Cakes. Per 100 lbs \$7.

Patent Greyhound Meat "Fibrine" Dog Cakes (with Beetroot). Per 100 lbs \$7.25.

Oatmeal Plain Round Dog Cakes—For greyhounds where preference is given to training on meat. Per 100 lbs \$6.

Plain Round Dog Cakes—Used where hounds are fed on flesh. Per 100 lbs \$5.

Puppy Cakes—For use during teething. Per 3-lb package 30c, 5 lbs 50c, 100 lbs \$7.50.

Pet Dog Cakes—Specialty for all pet dogs. Per 3-lb package 35c, 5 lbs 55c, 100 lbs \$8.

Patent Cod Liver Oil Dog Cakes—Per 3-lb package 35c, 5 lbs 55c, 100-lb box \$8.

Puppy Food—Substitute for the natural milk. Per tin 3 lbs \$1, 1 lb 50c.

Pepsinated Puppy Meal. Sample tin 25c, 2 lbs 50c.

Puppy Bone Meal. Per tin 2 lbs 25c.

Bone Meal—For chickens and young pheasants. Per tin about 2 lbs 25c.

Granulated Bone—For poultry, game and dogs. Per 100 lbs \$3.50, 50 lbs \$1.75.

Cardiac—A tonic powder for poultry and game. Sample 10c, per lb 25c postpaid.

Patent Poultry Meal. Per 100 lbs \$6, 50 lbs \$3.25, 25 lbs \$1.75, 10 lbs 75c.

Patent Game Meal. Per 100 lbs \$6, 50 lbs \$3.25, 25 lbs \$1.75, 10 lbs 75c.

Ground Beef—Specially prepared for us. Per 100 lbs \$3, 50 lbs \$1.50, 25 lbs 80c, 10 lbs 35c.

Granulated Prairie Meat "Crissel"—For poultry and pheasant rearing. Takes the place of insect life, ants' eggs, etc. Per 100 lbs \$3.50, 50 lbs \$1.75, 25 lbs \$1, 10 lbs 50c.

Pigeon Food. Per 100 lbs \$6, 50 lbs \$3.25, 25 lbs \$1.75, 10 lbs 75c, 5 lbs 40c.

Fish Meal—Best food for rearing trout, etc. Per 100 lbs \$5, 50 lbs \$2.75.



DOG MEDICINES

MADE BY

SPRATTS PATENT LIMITED

All medicines in bottles, boxes and tins free by mail.

Alterative Cooling Powders. Per box 50c.

Aperient Tasteless Biscuits. Per tin 50c.

Chronic Skin Disease Cure. Per box 50c.

Cough Pills. Per box 50c, sample box 25c.

Chorea (St. Vitus Dance) Pills. Per box 50c.

Diarrhoea and Dysentery Cure. Per bottle 50c, sample bottle 25c.

Distemper Cure. Box 50c.

Disinfectant—For stable or kennel. Per package 20c, 1 package makes 4 gallons.

Ear Canker Lotion—A certain cure for this disease. Per bottle 50c, sample bottle 25c.

Eczema Lotion. Per bottle 50c.

Hair Stimulant. Per bottle 50c.

Insect Powder. Per tin 25c.

Jaundice or Yellow. Per box 50c.

Locurium (Patent)—A new vegetable oil for cure of sores, cuts, wounds, etc.; for human and animal use. Per bottle 25c and 50c.

Mange Cure. In bottles 50c postpaid, and in gallon and half-gallon jars for large kennels \$3.50 and \$2.

Purging Pills. Per box 50c.

Rheumatism and Sprain Liniment. Per bottle 50c.

Rheumatism and Chest Founder Pills. Per box 25c and 50c.

Tonic Condition Pills. Per box 50c, sample box 25c.

Vegetable Puppy Vermifuge. Per box 50c.

Worm Cure. Per box 50c.

DOG SOAP

This is of the greatest value to dog owners, as it is entirely free from poison and most effective in the destruction of lice and fleas, and by keeping the skin free from scurf it prevents mange and skin diseases. Per cake 25c.



PUBLICATIONS

All books free by mail.

The Common Sense of Dog Doctoring. By Spratts Patent. 25c.

The Common Sense of Poultry Keeping. By Spratts Patent. 10c.

The Common Sense of Pheasant Rearing. By Spratts Patent. 10c.

Kennel Secrets. By Ashmont. (Illust.) \$3.

Modern Training, Handling and Kennel Management. By B. Waters. (Illust.) \$2.

Our Prize Dogs. By C. H. Mason. (Illust.) \$3.50.

Kennel Records. Each 50c.

Pedigree Blanks. Each 5c, doz 50c.

DOG BRUSHES AND COMBS

(Imported.)

Brushes. Whisks 20c, 40c, 60c, 90c each.

Brushes. With slanting bristles, suitable for terriers; each 75c and \$1. Whalebone 75c.

Penetrating Dog Brush—Made of best quality grey Russia Akatka bristles. Best dog brush ever offered; 3x6 in., each \$1; 3½x7 in., \$1.50. Solid leather back brushes, 3x6 in., \$1; 3½x7 in., \$1.50.

Combs. Horn 15c, 20c, 25c each; metal 25c, 50c, 75c; wire curry combs 60c, 75c.

Bench Show Chains (Imported). With two spring hooks and three swivels.

	3ft.	2in.	3ft.	4in.	3ft.	6in.	4ft.
Nickel-Plated.....	90c	\$1.00	\$1.00	\$1.10			
Bright.....	60c	70	75	1.00			
Brass.....				2.25	2.50		
Yard Chains, bright.		40			60		

Dog Chains (Domestic). Nickel-Plated 4ft. 6in., No. 1, 50c; No. 2, 40c; No. 3, 35c; No. 5, 30c.

Dog Couples (Imported). Curb, nickel-plated, No. 0, 75c; No. 1, 80c; No. 2, 85c; No. 3, 90c; Bright, No. 0, 60c; No. 1, 65c; No. 2, 70c; No. 3, 80c.

Patent Curry Combs. For horses, japanned Each 50c.

Biscuit Breaking Machine. To fix on floor, \$13.

DR. HESS'

POULTRY PAN-A-CE-A

For Chickens, Turkeys, Ducks, Geese and Pigeons.

WHAT IS A PAN-A-CE-A? Webster defines it as a "universal remedy for diseases." We guarantee our Poultry Pan-a-ce-a to cure Gapes, Cholera and Roup, after they are once established in the flock. It is an egg producer by its invigorating effect upon the organs, thereby enabling them to appropriate food and aiding in the production of eggs.

WHAT IS A FOOD? Webster defines a Food as "that which is taken for nutrition." It will be seen that a Poultry Food can be nothing more nor less than that which is taken solely for nutrition, and can have no medicinal properties, however it behooves manufacturers of Poultry Foods and Powders to claim or recommend them to be the same or equal to our Poultry Pan-a-ce-a; but a single trial in diseases will demonstrate that this is not correct. For rapid healthy growth of young fowls, for development of bone, muscle and feathers, for indigestion, diarrhoea, leg weakness, and kindred diseases, our Poultry Pan-a-ce-a is without an equal and an excellent article to feed as a preventative of contagious diseases.

Price—For 24-oz package 35c, by mail 45c.
" 5-lb " 85c, " \$1.10.

DR. HESS' PRACTICAL POINTS

This book will form a complete veterinary work for Farmers, Horsemen, Dairymen, Poultrymen.

Mailed free on application.

DR. HESS' STOCK FOOD

Is a Scientific Compound

What It Will Do for Horses.—It increases the appetite and improves digestion. It cures epizooty, coughs, distemper, dropsy and all blood disorders. It gives life, vigor and energy, removes worms, and produces a fine, smooth, glossy coat, and is a wonderful flesh producer.

What It Will Do for Cows.—It increases the quality and quantity of milk, whets the appetite and improves digestion. In disease, ill condition and blood disorders of cattle of any age, this Food is of great value. It is excellent in preparing cattle for market.

What It Will Do for Hogs.—This Food has been fully tested and its value demonstrated in the rapid development and healthy growth of hogs. For indigestion, loss of appetite, low stunted condition or slow growth of pigs, it is of the greatest value. It also prevents hog cholera by enabling the organs to resist disease.

What It Will Do for Sheep.—It is a wonderful aid in developing and sustaining the vigor of lambs and sheep. It will be found of great value when fed to ewes at lambing time. For coughs, so common to sheep and lambs, it is a positive cure.

Price—12-lb bag, \$1.00.
7-lb bag, 65c.

INSTANT LOUSE KILLER

Is your poultry lousy? Are your horses lousy? Have your calves or cattle lice? Do ticks annoy your sheep? If so get a box of Instant Louse Killer, and use as directed. Put up in powder form. Very convenient and lasting. An excellent disinfectant and purifier for barns and outhouses. Price—1-lb package 35c, by mail 40c.

POULTRY CAPONIZERS



Set of instruments complete, with instructions, \$2.50. In velvet-lined case, \$2.75. We send book, "Complete Guide for Caponizing," with every set.

FRENCH POULTRY KILLING KNIFE—Sent postpaid on receipt of 50c. Sent securely packed, by mail, on receipt of price.

PHILADELPHIA POULTRY MARKER

They are well made with steel spring and cutter, nicely nickel-plated. Made in two sizes. Sent postpaid on receipt of price, 30c each.

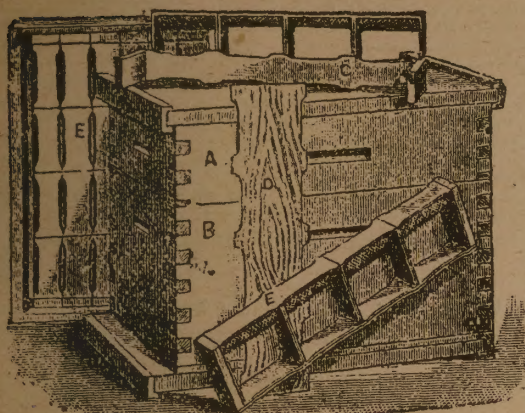
MILKING TUBES

For sore and obstructed teats and hard milking cows

Prices—Set of four tubes, 1½ inch, \$2.00, each 50c; special lengths, 2½ inches, each 65c; 2¾ inches, each 80c; 3¼ inches, each 95c; 3½ inches, each \$1.10; 4½ inches, each \$1.25. Larger tubes in proportion.

BEE-KEEPERS' SUPPLIES

LANGSTROTH HIVES

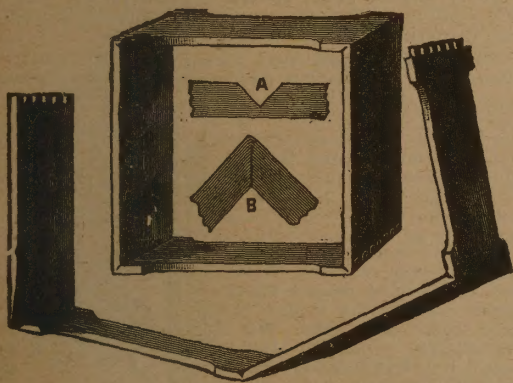


Dovetailed Hive with Section Super and Parts.

PRICES: No. 1—Dovetailed, bottom board, body of hive with frames, follower; upper story for comb honey with section holders and separators; lid, complete.....\$1.40 each
The above in the flat lots of 5 Price \$ 6 00
10..... " 11 50

No. 2—Dovetailed, same as above, only one extra story for comb honey, nailed, each... \$1.85

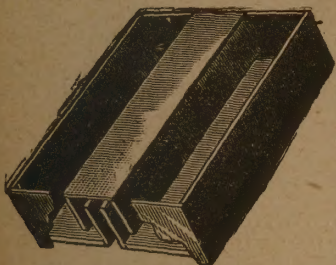
No. 3—Dovetailed, same as No. 1, only instead of the comb honey super there is an extracting super with light frames and follower. Nailed, each.....\$1.60
In the flat lots of 5, price 6 25
10, " 11 50



SECTION HONEY BOXES

We handle only first-class, polished on both sides, slotted on top and bottom. One piece or four pieces, state which you desire. Size $4\frac{1}{2} \times 4\frac{1}{2} \times 1\frac{1}{2}$, 7 to foot, 1 $\frac{1}{2}$. State size required, otherwise 1 $\frac{1}{2}$ will be sent. Per 100, 45c; 500, \$1.75; 1,000, \$3.25; 2,000, \$6.25; 3,000, \$9.00.

FEEDERS



The Miller Feeder.

IMPROVED PRATT SELF HIVER

An invention which can be attached to the Langstroth single wall hive by means of which swarms live themselves. Price, with directions, each 50c. In lots of ten, \$4.50.

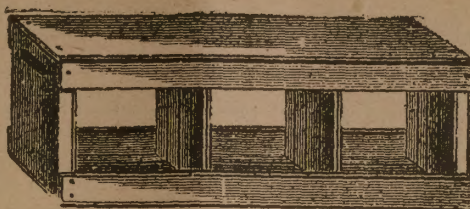
BEE VEILS

Silk Brussels, net, 50c; cotton Brussels, 25c; common net, with silk Brussels face (the best veil) 30c.

QUEENS



Every bee-keeper should get new and better blood in his apiary. We can fill orders for queens from the time they can be reared in Canada.

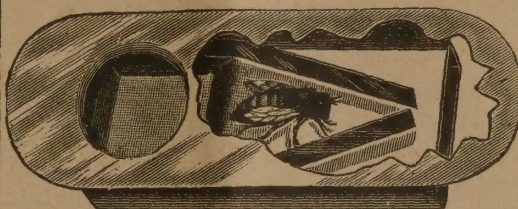


COMB HONEY CRATES

A neat and well designed package is important in marketing comb honey. They are glassed on one side only. For $4\frac{1}{2} \times 4\frac{1}{2}$ or $3\frac{1}{2} \times 4\frac{1}{2}$ sections (state which). In flat per 10 25 100
Price, 12 three section fronts.....\$1.00 \$2.00 \$7.00
18 1.20 2.75 9.50
Glass 2c. each crate extra.

"THE KRETCHINER" SECTION FOLDER

Just the thing to put one-piece sections together
Each, 75c.

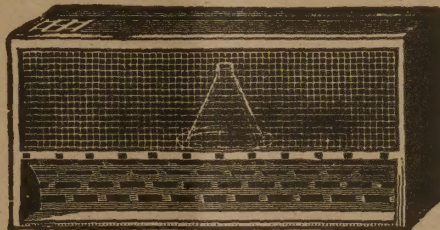


THE "PORTER" BEE ESCAPE

Put in a board, which is placed between the body of hive and super you wish to clear of bees. The bees can pass to the brood chamber but not return. Each, 20c; doz. \$2.25.

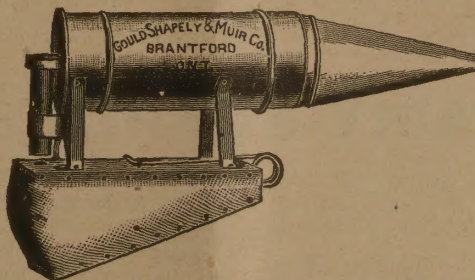
QUEEN'S CAGES

Coil wire Queen Cages and Cell Protectors. The best for caging queens in the apiary or allowing cells to hatch in. The cell protectors do away with the annoyance of having queen cells torn down in the hive. Queen Cell Protectors, each, 5c; 10 for 45c; 50 for \$2.00. Queen Cages with Feeders, each, 10c; 10 for 75c.



QUEEN OR DRONE TRAPS

The Alley.—It is placed over the entrance of the hive, the queen being captured, and thus preventing a swarm from absconding. Each, 45c; doz. \$4.



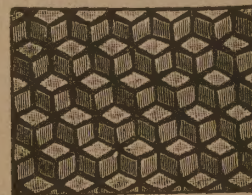
BEE SMOKER

We offer the "Goold," one of the best smokers made, large and powerful, equal to any work. No. 1, smoke barrel $9 \times 13\frac{1}{2}$, price, \$1.25. No. 2, smaller. \$1.00.

BEEES

We have a limited number of colonies for sale, the Goold, Shapely and Muir Co. strain of bees. They are in Langstroth hives. Warranted first-class colonies. Bees to be delivered in May. Price per colony, \$7.00, including hive, combs, lid and bottom board. The greatest care is taken to ensure the safe delivery of all colonies of bees, but customers will please note that after they leave the apiary they are entirely at purchasers risk.

Grade and Quantity.	April	May	June	July	Aug.	Sept.	Oct.
Untested Queens....	1 25	1 00	1 00	1 00	75	75	75
Tested Queens.....	2 25	2 00	1 50	1 25	1 25	1 25	1 25
Select Tested Queens	3 00	2 50	2 00	2 00	2 00	2 00	2 00
Imported Queens....	7 00	7 00	6 00	5 00	4 00	4 00	4 00
1-frame nucleus....	2 00	2 00	1 50	1 00	1 00	1 00	1 00
2-frame nucleus....	3 00	2 50	2 50	2 00	2 00	2 00	2 00
3-frame nucleus....	4 00	3 50	3 50	3 00	3 00	3 00	3 00



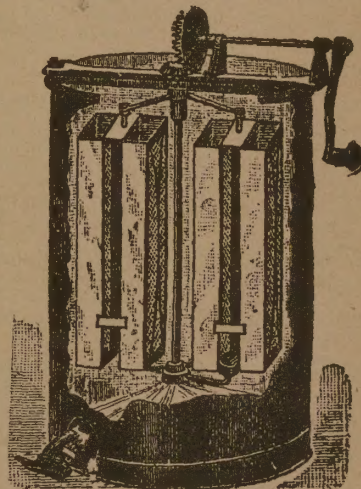
COMB FOUNDATION

The comb foundation we handle is made by the new patent process. The wax is tempered as in nature, making it acceptable to bees, a great advantage. It is also of even thickness. Price, brood foundation, per lb, 50c; section foundation, 60c per lb. (Prices liable to change without notice). If wanted by mail add 10c per lb postage.

PERFORATED METAL

This is used between the upper and lower story to prevent the queen from passing up. Also used for drone guards and queen traps. Per sq. ft. 10c.

EXTRACTORS



Gold Reversible Automatic Extractor.

Our Extractors are made of the very best material, steel frames. Give size of frame in ordering. No. 1.—Two frame machine, \$5.50.

New Goold.—Can be made to fit any size frame, sometimes two sizes—two frame \$7.00; four, \$8.50.

Adjustable.—Takes any frame, \$8.50.

Goold Reversible.—Two frame Langstroth, \$12, four frame, \$15.

Other sizes. Prices on application.

HONEY KNIVES

Ebony handle and fine mirror finish, each.... \$1.00
Wood handle, not so well finished, each..... 0.89

HONEY LABELS

We have a neat label, which in addition to appearance, explains much of interest about honey. 1 lb per 100, 50c; 2 and 3 lb per 100, 65c; 5 lb per 100 90c; 8 and 10 lb per 100, \$1.50. Labels for glass, 45c per 100. Printing name and address on labels, from 100 or part thereof, 50c; each additional 100, 10c per 100.

RUBBER GLOVES

For handling bees. Ladies' half long, sizes 6, 7, 8 and 9, per pair, \$1.65. Gentlemen's half long, sizes 10, 11 and 12, per pair, \$1.85. In ordering by number remember that if you wear No. 5 in kid you will need No. 7 in rubber.

BEE BOOKS

Langstroth on the Honey Bee—Revised by Chas. Dadant & Son. A book thoroughly up to the times. Price, \$1.50.

A. B. C. of Bee Culture—Revised by A. I. Root. Price, \$1.25.

A Year Among the Bees—A valuable treatise on bee-keeping by that well-known writer, Dr. C. C. Miller. Price, bound in cloth, postpaid, 60c.

Bee-Keeping Explained—Quinby. Price, \$1.

SIMMERS' CELEBRATED STANDARD FERTILIZERS

FEED YOUR SOIL AND IT WILL FEED YOU.

TALKS ON MANURE—By Joseph Harris, M.S., 366 pages, contains ample information on Manures and Fertilizers, their use, utility, effectiveness, etc. Price, bound in cloth, \$1.75, postpaid.

FERTILIZERS, A New Edition—Where to get formulas for various crops, how to apply. By J. J. H. Gregory, paper. Price, 40c postpaid.



Potato Manure

Application—May be used in the hills or rows, mixing and covering with earth, provided it is scattered well. Scatter it down the rows, mix as thoroughly as possible in any manner which best commends itself, with plow, brush, chain etc. Use three sacks and upwards per acre on ordinary land. Price, per lb. 10c; 10 lbs. 50c; 100 lbs. \$2.25; 200 lbs. \$4.25; per ton, \$40—discount of 5 per cent. for cash on orders of one-half ton and over.

"Sure Growth" Fertilizer

For Grain, Grass, Vegetables, Grapes. Etc.

It is not a stimulant, but adds permanent value to the land; is adapted to all soils, and not only yields immediate results, but is also lasting in its effects. Not only does it give the growing crop a vigorous start, but it will greatly increase the yield and give more perfect grain. Price per lb. 10c; 10 lbs. 50c; 100 lbs. \$2.25; 200 lb. sack \$4.00; per ton, \$40—discount of 5 per cent. for cash on orders of one-half ton and over.

Bone and Potash Fertilizer

It is unnecessary to speak of the value of Bone, for it has been used from time immemorial upon all sorts of crops, but none more so than fruit trees, grape vines and all kinds of small fruits. It has been taken out of the soil by animals, and it is one of nature's ways of recuperating the soil by returning it. For that reason those who think they had rather have bone ought also to have it combined with potash, since potash is fully as essential as bone. Price per lb. 10c; 10 lbs. 50c; 100 lbs. \$2.25; 200 lbs. \$4.25; per ton, \$40—discount of 5 per cent. for cash on orders of one-half ton and over.

Pure Ground Bone Fertilizer

We guarantee our ground bone to be a strictly genuine article. It is made from clean, dry bones. We recommend it chiefly for grass and land feeding purposes. It is, however, under all circumstances and for all crops an excellent Fertilizer, but does not give as quick results as our Sure Growth, Bone and Potash, or Potatoe Manure. Per lb. 10c; 5 lbs. 30c; 10 lbs. 50c; 25 lbs. \$1.00; 100 lbs. \$2.00; 200 lbs. \$3.90; per ton, \$37.50—discount 5 per cent. for cash on orders of one-half ton and over.

Harris' "Animal Manure" (H.)

100 lbs. \$1.50; ton \$25.00.

Harris' "Blood and Bone Fertilizer" (C.)

100 lbs. \$1.50; ton \$25.00.

Dissolved Bone Fertilizer

This bone is treated with sulphuric acid only in sufficient quantity to break it down finely and make it quickly acting. Admirably adapted for Cabbage Seed and plants. Perfectly safe for use around all young plants. An improvement on the finest bone meal for all plants. Excellent for preparation of home-mixed fertilizers, improvement of composts, etc., etc. Price per lb. 10c; 10 lbs. 50c; 100 lbs. \$2.25; 200 lbs. \$3.90; per ton \$38—discount of 5 per cent. for cash on orders of one-half ton and over.

Our Celery and Early Vegetable Manure

It has been used on Celery planted on very poor ground, producing remarkable results, by dissolving a tablespoonful to a gallon of water, applying it twice per week (keep well stirred while applying). It can also be used on Celery, by mixing $\frac{1}{2}$ to $\frac{3}{4}$ gypsum. Scatter between the rows and hoe or rake thoroughly with the earth. It is not equalled for producing rapid growth in plants. Price per lb. 10c; 10 lbs. 50c; 100 lbs. \$3.00; 200 lbs. \$5.50; per ton \$52—discount of 5 per cent. for cash on orders of one-half ton and over.

Farmers' Grass and Grain Manure

This brand will be found to be an excellent fertilizer for pasture lands and top dressing, also for young orchards, small fruit, and a general crop raiser. In sacks weighing 200 lbs. each bearing our guaranteed analysis. Price per lb. 10c; 10 lbs. 50c; 100 lbs. \$1.50; 200 lb. sack, \$2.75; per ton, \$25—discount of 5 per cent. for cash on orders of one-half ton and over.

Nitrate of Soda

This is valuable solely for the nitrogen it contains, equal to twenty per cent. of ammonia. It is chiefly a stimulant; it is used in addition to other fertilizers. It is very quick in action and hastens the maturity of crops fully two weeks, and besides renders the mineral plant food of the soil more assimilable. It is valuable for grain, fodder, corn, sugar beets, potatoes, grasses, peas, beans, clover, etc., and is generally an effectual remedy for clover sick land. It is the best of all substitutes for stable manures. 100 to 150 lbs. per acre, mixed with wood ashes or land plaster for convenience in applying, are generally used. Price per lb. 10c; 5 lbs. 30c; 10 lbs. 50c; 25 lbs. \$1.00; 50 lbs. \$1.65; 100 lbs. \$3.00.

It pays to use Nitrate of Soda on the vegetable garden. Send 10 cents for Harris Essay on Nitrate of Soda. Gives full description of its use on all kinds of vegetables.

GUANO, Genuine Peruvian

A standard fertilizer throughout the entire country, and in almost universal use. A weak solution, applied once or twice a week, is very beneficial for house plants. Price, lb. 10c; by mail, postpaid, 15c; 100 lbs. \$4.50.

Land Plaster or Gypsum

Used by many potato growers. This is excellent to mix with Paris Green, at the rate of 100 lbs. of Plaster to 1 lb. of Paris Green. Per sack (200 lbs.), 90c.

SIMMERS' FLOWER, LAWN AND PARK

DRESSING—This preparation consists of the lawn top dressing, full strength. It is manufactured to meet the demand for a lawn dressing, all prepared, ready for immediate use, requiring no further mixing, scatter broadcast over lawns, grass, etc. It is in no sense a stimulant, but a complete manure containing all the plant food required to make grass grow, and in a form quickly and easily taken up. It may be applied at any time during the spring, summer or autumn, or as often as the grass seems to need nourishment. It will restore many lawns to full luxuriance that have been nearly ruined by the hot sun or drouth. It is worth all it costs; if only for the rich color it imparts to the grass.

Price of 5 lb. pkg., sufficient for 75 square yds. \$ 50
" 10 " " 120 " 75
" 25 " " 400 " 1 50

LAND SALT—Per sack (200 lbs.), \$1.25.

HORN SHAVINGS—Per 100 lbs. \$2.00.

Clay's Fertilizer

This valuable imported manure is especially recommended to all who grow either fruit, flowers or vegetables, and wish to bring them to the highest perfection. Should be used in potting soil, and spread on staging of greenhouses planted with flowering plants. Per bag of 25 lbs. \$2.50; 50 lbs. \$4.75; 100 lbs. \$9.00.

FOOD FOR FLOWERS

OR PLANT FOOD

Soluble in Water, Free from Odor and Clean to Handle.

A fertilizer made expressly for plants grown in the house, garden or conservatory; clean, free from offensive odor, soluble in water and producing healthy plants, free from vermin, with early and abundant blossoms, to which it imparts luxuriant growth and rich and brilliant colors.

This plant food has been sold by us to hundreds of lovers of flowers in Canada,

especially during the winter and spring months, never failing to give entire satisfaction to the purchaser, and has produced great gratification by the surprisingly pleasing results in consequence of its having been applied according to directions which accompany each package sent out. **Price, No. 1 Regular Sized Package**, sufficient for 20 plants for **one year, 35 cents. No. 2 package**, sufficient for 20 plants for **three months, 25 cents.** Postage paid, on receipt of price. Price in bulk, 4 lbs. 60c; by mail (postpaid), 80c; 5 lbs. 75c; by mail (postpaid), 95c; 10 lbs. \$1.25, per express.



PREPARED MOULD

Finding that many of our customers in the city were unable to secure suitable mould for their garden and pot plants, we have prepared a judicious preparation of well enriched soil in proper proportion of fertilizer, for potting plants. We can highly recommend our Prepared Leaf Mould, and are confident you will be pleased with the results. It is put up in 100 and 200 lb. sacks, and can be supplied at all seasons of the year. Per 25 lbs. 35c; 50 lbs. 55c; 100 lbs. \$1.00.

DAIRY SUPPLIES

Babcock Milk Testers—Every dairyman who keeps a half-dozen cows ought to provide himself with one of Babcock's Milk Testers, if he cares the snap of his finger to know whether he has a cow in the herd that is worth keeping. More than one cow "eats her head off" every year she is kept.

4 Bottle Tester, complete.....\$6 00 | 8 Bottle Tester, complete.....\$8 00
6 Bottle Tester, complete.....7 00 | 10 Bottle Tester, complete.....10 00
Boxing 25c extra. Test bottles, Acid measure, Pipette and one half-gallon Sulphuric acid with each machine.

Pioscope or Heeren's Milk Tester—Does not require that milk to be tested should be brought to any particular temperature. Postpaid, each 75c.

The Little Detective—Will show in less than 2 minutes whether or not water has been added to pure milk. Sent to any address, postpaid, \$1.

Parchment Paper—For Packing and Preserving Butter—1 lb. Butter size, 8 x 11, \$1.65 per 1,000 sheets, or 1c for 7 sheets, postpaid. 2 lb. Butter Size, 10x15, \$2.75 per 1,000 sheets, 1c for 4 sheets, postpaid. Full Sized Sheets, 20x30 and 14x36, 20c per lb. **Printing**—\$1.00 per 1,000 sheets.

Thermometers—New Float—Will stand upright. The scale stands up out of the milk so that it can be easily read.

New Float.....each 50c. | **Ordinary Float**—Price....each 40c.

Butter Ladles—Factory size.....each 50c.
Dairy size.....each 25c.

Butter Mould and Printer—Has all the advantages of the higher priced moulds, and does the work equally as well. 1 lb. size, p.p., 75c.

Lever Butter Worker—Cheapest and best; made of the best white ash and warranted complete in every respect.

No. 0—20 inches wide, will work 15 lbs.....\$4 00
No. 1—30 inches wide, will work 25 lbs.....5 00
No. 2—40 inches wide, will work 35 lbs.....5 50
No. 3—Factory size, will work 60 to 75 lbs.....10 00

Improved Daisy Barrel Churn—The Daisy Churn has become a popular favorite with the Canadian farmers generally—the large creameries and scientific butter makers in particular. It is made of the very best quality of white oak; has no iron to come in contact with the cream; has no dashes or breaks inside, and is the easiest Churn to clean ever made. The inside is perfectly smooth.

No. 0—Seven Gallon Churn for one cow.....\$3 25
No. 1—Nine Gallon Churn, churns from 1 to 4 gallons.....3 50
No. 2—Fifteen Gallon Churn, churns from 1 to 7 gallons.....3 75
No. 3—Twenty Gallon Churn, churns from 1 to 9 gallons.....4 25
No. 4—Twenty-five Gallon Churn, churns from 1 to 12 gallons.....5 00
No. 5—Thirty-five Gallon Churn, churns from 1 to 16 gallons.....7 00

SIMMERS' "TORONTO PARKS" LAWN GRASS SEED FOR CROQUET, LAWN TENNIS AND CRICKET GROUNDS

Our own Mixture of Perennial Grasses. Price 25c. per pound. Postpaid, 30c. per pound.

SPRING being the most favorable time for sowing lawn grass seed, we would advise every person intending to sow a piece of ground for a lawn to have it in good time richly manured and carefully dug, levelled and raked, and after procuring a proper mixture of such grasses as we offer, for the purpose of procuring a good lawn, sow the same rather thick, carefully and evenly on a calm day. The sower should be provided with boards strapped to his boots to prevent his feet from sinking into the ground and producing holes. The sowing should be commenced on one end of the ground and the seed be gently raked into the ground as it is sown. To protect the fine germ of the grasses from the rays of the sun in spring and summer following, it is advisable to mix a moderate quantity of rye among it when sowing the grass seed. As the rye grows much more vigorously than the grass seed, it has to be cut frequently, and as soon as it is about six inches in height; it should never be allowed to grow above this height. In the autumn the rye will perish of itself, leaving only the perennial grasses, which by that time will have gained sufficient strength to do without protection, excepting, perhaps, a slight covering of litter during the winter. Care should be taken to prevent any one passing over or using the ground the first year, and until it is sufficiently settled.

The Lawn Grass Seed we offer is a judicious mixture of the most hardy and desirable kinds. The quantity required for an acre is from 30 to 50 lbs.; or for renovating old lands, 20 to 30 lbs.

A beautiful lawn, with its close, velvety turf, is a most essential feature in the adornment of all suburban homes — without it the finest flowering plants and bedding seem insignificant, while with it, handsome grounds are



assured, even with no other adornment. Second only to that prime requisite, **Good Seed**, is time of sowing, quantity to use, preparation of soil, etc.

TORONTO PARKS MIXTURE, Finest Quality—Per lb 25c, postpaid 30c. 5 lbs \$1.15, 10 lbs \$2.20, 25 lbs \$5.25, 50 lbs \$10.00, 100 lbs \$20.00

White Dutch Clover, for mixing with Lawn Grass Seed—Per lb 30c.

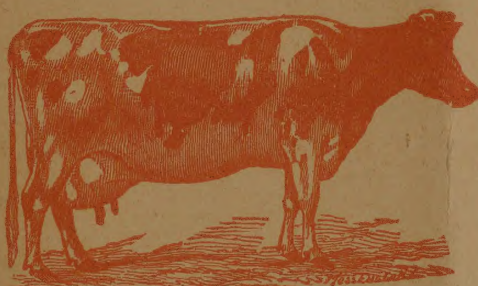
"SHADY NOOK" MIXTURE—For sowing under trees and in shady places. It will not only grow in such places, but forms a fine sward where few other grasses can exist. Sow 40 lbs per acre. Per lb 35c, postpaid 40c.

BLUE GRASS, Extra Clean—Per lb 15c, 10 lbs \$1.40.

RED TOP, Extra Clean—Per lb 15c, 5 lbs 70c, 10 lbs \$1.40.

SIMMERS' LAWN ENRICHER, for Old and New Lawns—For full description see previous page. We offer it as follows:—5 lbs 50c, 10 lbs 75c, 25 lbs \$1.50, 50 lbs \$2.75, 100 lbs \$5.00. Prices for larger quantities on application.

CANADIAN Horse and Cattle Food



THE CANADIAN HORSE AND CATTLE FOOD is of the greatest advantage to all feeders of Horses and Stock. For Horses it is a preventative of disease, ensures robust health and gives a gloss to their coat; while for Cattle, in addition to the above, it increases the milk and fattens rapidly. For Calves nothing is better, proving very economical, necessitating only half the quantity of ordinary food.

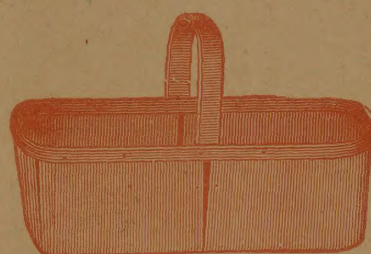
Numerous testimonials have been received from prominent Cattle Feeders and Stockmen generally who have used the **Canadian Horse and Cattle Food**, and they speak of its excellent qualities in the highest terms.

We guarantee this Cattle Food to contain nothing of an injurious nature. We claim the **CANADIAN** to be the best Cattle Food in the market to-day, while it is only half the cost of some other kinds.

Our ..	5 lbs.....	\$0 35	Freight prepaid on lots of 100 lbs. and upwards. Bags are free.
Prices ..	10 lbs.....	0 65	
Are ..	50 lbs.....	2 50	
	100 lbs.....	4 75	

CIRCULARS ON APPLICATION.

If to be sent by mail, add 5c. per lb. to the above prices.



Fruit Basket



Berry Box 16 Quart or 20 lb. Basket—without covers. Per doz 60c. per 25 \$1.15, per 100 \$4.10.

FRUIT... BASKETS

Fruit Growers, Farmers and Gardeners will find our Baskets, which are of the Oakville manufacture, the best in the market.



24 Quart Basket Crate

Patent Leno Covers and Veneer Covers—Extra per doz 20c, per 25 50c, per 100 \$1.60.

Pickers' Field Baskets—Each 10c, per doz \$1.00.

12 Quart or 15 lb. Basket—Per doz 50c, per 25 \$1.00, per 100 \$3.75.

Patent Leno and Veneer Covers—Extra per doz 25c, per 25 50c, per 100 \$1.60.

5 lb. Grape Basket without Cover—Per doz 45c, 100 \$3.50.

8 Quart or 10 lb. Basket—Per doz 45c, per 25 90c, per 100 \$3.50.

Patent Leno Covers and Veneer Covers—Extra per doz 20c, per 25 40c, per 100 \$1.50.

24 Quart Crate, including cover—Each 15c, per 25 \$3.50.

Slats for 54 Quart Crates—Each 5c, per doz 50c, per 25 \$1.00, per 100 \$3.75.

Berry Boxes, 1 quart—Per 100 40c, per 1,000 \$3.25, per 5,000 \$15.00.

Plant Boxes—Per 100 80c, per 1,000 \$7.00, 3,000 at \$6.50 per 1,000.



J. A. SIMMERS

SEED MERCHANTS
GROWERS
& EXPORTERS.



147, 149 & 151 KING ST. E.
TORONTO, CAN.

OUR PEOPLE'S COLLECTION
FOR
1897.

	PER PKT.
Simmers' Extra Early Beet.....	10c.
Imperial Tomato.....	10c.
Simmers' Nonpareil Lettuce.....	5c.
Scarlet White Tipped Turnip Rad- ish.....	5c.
Scarlet Chantenay Carrot.....	5c.

This collection will be mailed post-
paid for 25c., or 3 collections for \$1